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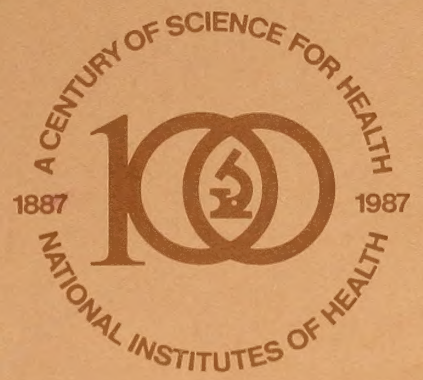
1987
Apr-June

NATIONAL INSTITUTES OF HEALTH
NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced During

APRIL, MAY, JUNE 1987



DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

PREPARED BY

U.S. NATIONAL INSTITUTES OF HEALTH

00 DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

Grants and awards.

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737
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1987
Apr.-June

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S06 MINORITY BIOMEDICAL SUPPORT--MBS (DRR)
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S08 BIOMEDICAL RESEARCH DEVELOPMENT GRANT (DRR)
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U50 SPECIAL COOPERATIVE HEALTH INVESTIGATIONS AND ASSESSMENTS OF CONTROL AND PREVENTION METHODS

SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AR NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
CA NATIONAL CANCER INSTITUTE

- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CM DIVISION OF CANCER TREATMENT
- CN DIVISION OF CANCER PREVENTION AND CONTROL
- CO OFFICE OF THE DIRECTOR, NCI
- CP DIVISION OF CANCER ETIOLOGY

CL CLINICAL CENTER
CT DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE NATIONAL INSTITUTE OF DENTAL RESEARCH
DK NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY NATIONAL EYE INSTITUTE
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL NATIONAL HEART, LUNG, AND BLOOD INSTITUTE

- HB DIVISION OF BLOOD DISEASES AND RESOURCES
- HC DIVISION OF EPIDEMIOLOGY AND CLINICAL APPLICATIONS
- HI DIVISION OF INTRAMURAL RESEARCH
- HO OFFICE OF THE DIRECTOR, NHLBI
- HR DIVISION OF LUNG DISEASES
- HV DIVISION OF HEART AND VASCULAR DISEASES

NR NATIONAL CENTER FOR NURSING RESEARCH
NS NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG DIVISION OF RESEARCH GRANTS
RR DIVISION OF RESEARCH RESOURCES
RS DIVISION OF RESEARCH SERVICES
LM NATIONAL LIBRARY OF MEDICINE
OD OFFICE OF THE DIRECTOR, NIH

- DS DIVISION OF SAFETY

TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING APRIL, MAY, JUNE 1987

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	32	3,769,202	2	101,736	1	14,299	3	116,914	7	180,996	0	0	0	0
AI	132	9,610,357	1	57,240	27	7,687,161	0	0	4	113,008	0	0	0	0
AR	49	3,218,048	3	204,598	0	0	2	93,698	7	165,000	0	0	0	0
CA	349	30,082,647	7	428,148	0	0	6	423,649	13	280,716	0	0	0	0
CB	0	0	0	0	5	951,954	0	0	0	0	0	0	0	0
CL	0	0	0	0	2	523,322	0	0	0	0	0	0	0	0
CM	0	0	0	0	27	13,177,623	0	0	0	0	0	0	0	0
CN	0	0	0	0	4	252,893	0	0	0	0	0	0	0	0
CP	0	0	0	0	9	2,900,201	0	0	0	0	0	0	0	0
DE	38	2,624,807	7	459,515	0	0	1	74,943	1	32,000	0	0	0	0
DK	139	9,578,311	15	951,384	3	984,888	3	299,401	38	945,522	0	0	0	0
ES	41	2,793,931	2	107,632	17	4,803,805	0	0	4	85,008	0	0	0	0
EY	49	3,872,777	2	128,815	0	0	0	0	16	376,020	0	0	0	0
GM	210	12,140,258	0	0	0	0	8	548,159	53	1,089,859	0	0	0	0
HB	0	0	0	0	2	703,418	0	0	0	0	0	0	0	0
HC	0	0	0	0	8	849,020	0	0	0	0	0	0	0	0
HD	69	6,703,040	5	297,075	7	2,236,071	2	125,740	8	185,004	0	0	0	0
HI	0	0	0	0	1	49,870	0	0	0	0	0	0	0	0
HL	233	21,676,916	47	3,182,073	0	0	2	125,302	57	1,422,770	0	0	0	0
HV	0	0	0	0	21	2,609,437	0	0	0	0	0	0	0	0
LM	5	499,513	1	41,672	3	806,393	3	493,740	0	0	0	0	6	941,574
NR	8	777,241	0	0	0	0	6	372,211	0	0	0	0	0	0
NS	142	13,438,178	16	979,444	5	1,075,348	4	425,601	38	856,944	0	0	0	0
RR	86	17,650,592	0	0	1	100,000	1	65,887	0	0	0	0	0	0
TW	0	0	0	0	0	0	0	0	73	1,854,257	0	0	0	0
	1,582	138,435,818	108	6,939,332	143	39,725,703	41	3,165,245	319	7,587,104	0	0	6	941,574

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS; INCLUDES CANCER CONTROL GRANTS; INCLUDES COOPERATIVE AGREEMENTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
AUBURN			
AUBURN UNIVERSITY AT AUBURN			
1R15 GM37475-01A1	AULL, JOHN L	PROTON MAGNETIC RESONANCE STUDIES OF DEUTERATED ENZYMES	50,000
1R15 HL38850-01	BORN, CHARLES K	CALCIUM CHANNEL BLOCKADE BY METHYLMETHACRYLATE	49,631
1R15 HL37284-01	PARSONS, DANIEL L	BLOOD SUBSTITUTE EFFECT ON SITES I-III OF ALBUMIN	40,713
1R01 HL33361-01A2	RAVIS, WILLIAM R	EFFECTS OF A PERFLUOROCARBON EMULSION--DRUG DISPOSITION	49,302
INSTITUTION TOTAL	4	189,646	
CITY TOTAL	4	189,646	
BIRMINGHAM			
BAPTIST MEDICAL CENTERS			
1R01 HL39246-01	OTTO, DAVID A	OMEGA-3 FATTY ACIDS & HEPATIC LIPID METABOLISM	89,392
INSTITUTION TOTAL	1	89,392	
BAPTIST MEDICAL CENTERS--BAPTIST MEDICAL CENTER-PRINCETON			
1R01 CA42972-01A1	LONG, CALVIN L	ENERGY, PROTEIN METABOLISM, AND CANCER CACHEXIA	92,650
INSTITUTION TOTAL	1	92,650	
SOUTHERN RESEARCH INSTITUTE			
1S10 RR03436-01	CHOPRA, DHARAM P	TRANSMISSION ELECTRON MICROSCOPE	136,000
1S15 CA46165-01	COPE, FREDERICK O	ACQUISITION OF ULTRACENTRIFUGE FOR K-M LABORATORIES	25,912
INSTITUTION TOTAL	2	161,912	
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1R01 AG06969-01	BINDER, LESTER I	NEURONAL MICROTUBULE HETEROGENEITY	90,129
1S15 CA46162-01	BLAYNEY, KEITH D	ULTRA-LOW FREEZER, FREEZE-DRYER, AND MICROSCOPE	13,738
1R01 HL39076-01	BOOYSE, FRANCOIS M	FIBRINOLYTIC PROTEIN SYNTHESIS IN NEONATAL ENDOTHELIUM	110,561
1R01 HL37320-01A1	BUGAISKY, LAWRENCE B	CULTURED NEONATAL MYOCYTES FROM TWO HEART ABNORMALITIES	71,869
1R29 AI25120-01	CHATTOPADHYAY, SUBHENDRA	HERPES SIMPLEX VIRUS TYPE 1 GLYCOPROTEINS	73,792
1R29 HL39041-01	CHEN, YIU-FAI	DOPAMINE IN CARDIOVASCULAR REGULATION AND HYPERTENSION	59,729
1S15 CA46213-01	ELDRIDGE, JOHN H	FACSCAN FLOW CYTOMETER	46,906
1R01 NS24697-01	FLETCHER, SAMUEL G	VISION IN ORAL MOTOR CONTROL AND SPEECH LEARNING	258,825
1R01 NS24275-01A1	FREEMAN, BRUCE A	CEREBROVASCULAR INJURY FROM OXYGEN RADICALS	119,335
1R29 HL38329-01	GARBER, DAVID W	VERY-LOW DENSITY LIPOPROTEIN METABOLISM IN DIABETES	53,680
1R01 NS23613-01A1	GEISERT, ELDON E	ANTISERUM INDUCED REGENERATION-LIKE RESPONSE	98,958
1R01 GM37611-01	GELMAN, SIMON	HEPATIC OXYGEN SUPPLY-DEMAND AND ANESTHETICS	100,362
1R01 CA44615-01	GRUBBS, CLINTON J	MAMMARY CHEMOPREVENTION--HORMONES/VITAMIN A/SELENIUM	89,862
1R29 DK38681-01	PARKS, DALE A	LIVER PRESERVATION AND REPERFUSION	71,831
1S15 CA46215-01	PITTMAN, JAMES A, JR	SMALL INSTRUMENTATION PROGRAM	80,980

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1R01 CA44736-01	RADO, THOMAS A	EXPRESSION OF GRANULE CONSTITUENTS IN HUMAN MYELOPOIESIS	104,548
1R01 GM38643-01	SCHUTZBACH, JOHN S	ROLE OF MEMBRANES IN PROTEOGLYCAN BIOSYNTHESIS	99,316
1R29 HL39048-01	TUCKER, DIANE C	NEUROHUMORAL CONTROLS OF CARDIAC DEVELOPMENT	65,737
1R29 EY07147-01	WELLER, ROSALYN E	ORGANIZATION OF INFERIOR TEMPORAL CORTEX OF PRIMATES	92,864
1R01 HL37722-01A1	WYSS, J MICHAEL	NEURAL MECHANISM OF NACL SENSITIVE HYPERTENSION	87,670
INSTITUTION TOTAL	20	1,790,692	
CITY TOTAL	24	2,134,646	
MOBILE			
UNIVERSITY OF SOUTH ALABAMA			
1R29 GM38785-01	KAPLAN, RONALD S	MITOCHONDRIAL PYRUVATE & TRICARBOXYLATE TRANSPORTERS	85,849
1R03 EY07339-01	OAKES, JOHN E	DEVELOPMENT OF A PRIMATE MODEL OF VZV OCULAR INFECTION	15,000
1R01 HL37341-01	PARKER, JAMES C	LUNG MICROVASCULAR INJURY DUE TO AIRWAY PRESSURE	66,633
1R29 CA44507-01	UMBREIT, J N	MAMMARY GLAND GLYCOSAMINOGLYCAN STRUCTURE AND TURNOVER	60,130
INSTITUTION TOTAL	4	227,612	
CITY TOTAL	4	227,612	
TUSCALOOSA			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA			
1S15 AI25408-01	BAKER, DAVID C	HPLC DIODE ARRAY DETECTOR	8,385
1R01 AI25005-01	MORROW, CASEY D	EXPRESSION OF FUNCTIONAL POLIOVIRUS REPLICATION GENES	70,234
1S10 RR03184-01	TIMKOVICH, RUSSELL	PURCHASE OF NMR SPECTROMETER	255,000
INSTITUTION TOTAL	3	333,619	
CITY TOTAL	3	333,619	
STATE TOTAL	35	2,885,523	
ALASKA			
COLLEGE			
UNIVERSITY OF ALASKA SYSTEM--UNIVERSITY OF ALASKA AT COLLEGE			
1R01 HD23383-01	BARNES, BRIAN M	ENDOCRINE RESPONSIVENESS IN HETEROTHERMIC MAMMALS	115,647
INSTITUTION TOTAL	1	115,647	
CITY TOTAL	1	115,647	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALASKA			
FAIRBANKS			
UNIVERSITY OF ALASKA SYSTEM			
1R01 NS25289-01	EBBESSON, SVEN O	NEURONAL PLASTICITY AND THYROID HORMONE	125,780
INSTITUTION TOTAL	1	125,780	
CITY TOTAL	1	125,780	
STATE TOTAL	2	241,427	
ARIZONA			
TEMPE			
ARIZONA STATE UNIVERSITY			
1S15 AI25398-01	DOANE, WINIFRED W	REPLACEMENT OF OBSOLETE EQUIPMENT--ULTRCENTRIFUGE	17,036
INSTITUTION TOTAL	1	17,036	
CITY TOTAL	1	17,036	
TUCSON			
UNIVERSITY OF ARIZONA			
1S15 CA46236-01	COLE, JACK R	MINICOMPUTER AND POWER CONDITIONER	13,591
1R29 CA44504-01	GENSLER, HELEN L	UV MODULATION OF CHEMICAL CARCINOGENESIS	60,150
1R29 AG06810-01	GOING, SCOTT B	FAT AND FAT FREE BODY COMPOSITION IN OLDER MEN AND WOMEN	55,909
1R01 NS25877-01	HEWLETT, MARTINEZ J	STRUCTURE-FUNCTION ANALYSIS OF ENVELOPED VIRUSES	104,687
1R01 NS24822-01	LEVINE, RICHARD B	POSTEMBRYONIC DEVELOPMENT OF LEG MOTOR CIRCUITS	59,929
1R01 EY07151-01	STRAUSFELD, NICHOLAS J	NEUROBIOLOGY OF A SIMPLE OCULOMOTOR SYSTEM	144,355
INSTITUTION TOTAL	6	438,621	
CITY TOTAL	6	438,621	
STATE TOTAL	7	455,657	
ARKANSAS			
FAYETTEVILLE			
UNIVERSITY OF ARKANSAS AT FAYETTEVILLE			
1R29 GM38612-01	BOTTJE, WALTER G	ARACHIDONATE METABOLISM & BLOOD FLOW BY GLUTATHIONE	75,600
1S15 GM39150-01	SAUNDERS, JAMES M	FRENCH PRESSURE CELL	5,000
INSTITUTION TOTAL	2	80,600	
CITY TOTAL	2	80,600	
STATE TOTAL	2	80,600	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
BELMONT			
NORTHERN CALIFORNIA CANCER CENTER			
1S15 CA46229-01	DAVIS, THOMAS E	FREEZER, CENTRIFUGE, LASER PRINTER	15,273
INSTITUTION TOTAL	1	15,273	
CITY TOTAL	1	15,273	
BERKELEY			
SOCIETY OF MAGNETIC RESONANCE IN MEDICINE			
1R13 CA46476-01	POHOST, GERALD M	SOCIETY OF MAGNETIC RESONANCE IN MEDICINE	16,000
INSTITUTION TOTAL	1	16,000	
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1R01 AG06317-01A1	CRANZ, GALEN	RESIDENTIAL ENVIRONMENTAL QUALITY FOR THE OLDEST OLD	49,282
1R01 DK38972-01	FORTE, JOHN G	ONTOGENY OF GASTRIC HCL SECRETION	82,129
1S10 RR03353-01	HEATHCOCK, CLAYTON H	NUCLEAR MAGNETIC RESONANCE SPECTROMETER	300,000
1S15 CA46199-01	LASHOF, JOYCE C	TD 20E LUMINOMETER SYSTEM, PLANT GROWTH CHAMBER	21,305
1S15 GM39143-01	SILVERMAN, PAUL H	PULSE PROGRAMMER AND AUTOMATED MEASUREMENT SYSTEM	49,585
1S15 GM39122-01	WOOD, DAVID L	TEN ITEMS OF BIOMEDICAL RESEARCH EQUIPMENT	80,934
INSTITUTION TOTAL	6	583,235	
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY			
1R29 HL38760-01	AUSTIN, MELISSA	GENETICS OF LDL SUBCLASSES IN HYPERCHOLESTEROLEMIA	58,631
1R03 HL38686-01	FORTE, TRUDY M	NONHUMAN PRIMATE: DEVELOPMENT OF LIPOPROTEIN SUBCLASSES	25,740
1R01 NS24997-01	GAFFEY, CORNELIUS T	NERVE BIOELECTRIC ACTIVITY IN ULTRAHIGH MAGNETIC FIELDS	63,579
INSTITUTION TOTAL	3	147,950	
CITY TOTAL	10	747,185	
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1R01 ES04311-01	BUCKPITT, ALAN R	MECHANISMS OF LUNG INJURY BY NAPTHALENES	155,602
1R01 HD23400-01	CRAMER, JAMES C	CHILD CARE AND FAMILY SUPPORT AMONG TEENAGE MOTHERS	30,125
1R29 EY07074-01	FITZGERALD, PAUL G	LENS MEMBRANE DOMAINS & EPITHELIAL CELL DIFFERENTIATION	71,979
1R01 AR36867-01A1	GERSHWIN, MERRILL E	IMMUNOREGULATION IN AVIAN SCLERODERMA	81,331
1R01 ES04274-01	KURTH, MARK J	IMMUNOASSAYS FOR PYRROLIZIDINE ALKALOIDS AND METABOLITES	112,148
1R01 HD21526-01A1	NUCCITELLI, RICHARD L	GALVANOTAXIS IN VERTEBRATE DEVELOPMENT AND WOUND HEALING	101,987
1S15 DK39945-01	NUCCITELLI, RICHARD L	VIDEO IMAGE ANALYSIS SYSTEM AND PHARMACIA FPLC	47,543
1S15 ES04505-01	RHODE, EDWARD A	DIODE-ARRAY DETECTION SYSTEM	18,530
INSTITUTION TOTAL	8	619,245	
CITY TOTAL	8	619,245	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
DUARTE			
BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE			
1R01 NS25786-01	CHEN, SHIUAN	ACTIVE SITES OF TWO TYPES OF MONOAMINE OXIDASE	46,727
1S15 GM39129-01	HOLDEN, JOSEPH	ULTRACENTRIFUGE WITH ROTOR AND ULTRALOW FREEZER	32,780
INSTITUTION TOTAL	2	79,507	
CITY OF HOPE NATIONAL MEDICAL CENTER			
1S15 CA46173-01	COMINGS, DAVID E	VERTICAL ROTOR AND HPLC SYSTEM	22,924
INSTITUTION TOTAL	1	22,924	
CITY TOTAL	3	102,431	
GRASS VALLEY			
DIVERSIFIED TECHNOLOGY, INC.			
1R43 NS25346-01	HANSEN, ERIC R	CORDLESS FULL DUPLEX HANDS FREE OPERATION SPEAKERPHONE	49,711
INSTITUTION TOTAL	1	49,711	
CITY TOTAL	1	49,711	
HERCULES			
SEPRAGEN CORPORATION			
1R43 GM38972-01	VON WEDEL, RANDALL	RADIAL FLOW BIOREACTOR FOR ANCHORAGE-DEPENDENT CELLS	48,900
INSTITUTION TOTAL	1	48,900	
CITY TOTAL	1	48,900	
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1R01 HL38819-01	BALDWIN, KENNETH M	EXERCISE INDUCED REGULATION OF CARDIAC MYOSIN	119,337
1R01 HD20662-01A1	BRYANT, SUSAN V	LIMBS DEVELOPMENT IN MAMMALS	133,052
1R01 AI24783-01	CHANDY, K GEORGE	ION CHANNELS IN LYMPHOCYTES: GENETIC PROBES	87,099
1S15 AI25411-01	HATFIELD, G WESLEY	CENTRIFUGES, ROTORS, FREEZE DRYER, PARTICLE COUNTER	65,777
1R01 EY07193-01	JONES, EDWARD G	EFFECTS OF SENSORY DEPRIVATION OF ADULT VISUAL CORTEX	80,923
INSTITUTION TOTAL	5	486,188	
CITY TOTAL	5	486,188	
LA JOLLA			
AGOURON INSTITUTE			
1S10 RR03277-01	HAGLER, ARNOLD T	STAR-100 A P SYSTEM FOR BIOMOLECULAR SIMULATIONS	300,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
AGOURON INSTITUTE			
1S15 AR39055-01	HOCH, SALLIE O	INCUBATOR SHAKER & ULTRA-COLD FREEZER	8,148
INSTITUTION TOTAL	2	308,148	
LA JOLLA CANCER RESEARCH FOUNDATION			
1R29 CA46550-01	ARMSTRONG, R DOUGLAS	THERAPEUTIC RELEVANCE OF QUEUINE TO HUMAN CANCER	95,000
1R29 CA45586-01	BOURDON, MARIO A	STRUCTURE AND ROLE OF HUMAN GLIOMA MATRIX ANTIGEN	75,055
1R01 CA45546-01	ENGVALL, EVA S	NOVEL TISSUE-SPECIFIC--BASEMENT MEMBRANE COMPONENT	107,985
1R01 DK37016-01A1	FUKUDA, MICHIKO N	CELL SURFACE GLYCOCONJUGATES IN HEMATOLOGICAL DISORDERS	55,684
1R29 NS25194-01	RANSCHT, BARBEL	NEURONAL GLYCOPROTEINS ASSOCIATED WITH THE CYTOSKELETON	78,170
1S15 CA46179-01	RUOSLAHTI, ERKKI I	MICROINJECTION EQUIPMENT	33,244
INSTITUTION TOTAL	6	445,138	
MEDICAL BIOLOGY INSTITUTE			
1S15 AI25420-01	KATZ, DAVID H	ME PLUS AUTOMATIC GAMMA COUNTER	22,030
1P01 AI24526-01	WILSON, DARCY B	SPECIALIZED MOLECULES OF THE IMMUNE SYSTEM	521,575
INSTITUTION TOTAL	2	543,605	
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1R01 GM38760-01	EMERSON, BEVERLY M	FUNCTION OF B-GLOBIN DNA BINDING PROTEINS	124,366
1R29 GM38793-01	HANKS, STEVEN K	CHARACTERIZATION OF NEWLY-IDENTIFIED PROTEIN KINASES	63,480
INSTITUTION TOTAL	2	187,846	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1R01 AI25016-01	COOPER, NEIL R	CYTOMEGALOVIRUS--INFECTION AND IMMUNOREGULATION	100,319
1R23 AI23866-01	GANU, VISHWAS S	STUDIES OF THE C3 CONVERTASE OF THE ALTERNATIVE PATHWAY	37,500
1R01 CA42473-01A1	GRIMSHAW, CHARLES E	FOLINATE UTILIZATION: MECHANISM, REGULATION AND CANCER	73,049
1R01 AI25213-01	HICKS, JAMES B	MOLECULAR STUDIES OF SWITCHING IN CANDIDA ALBICANS	134,193
1R01 AI25008-01	LUCAS, ALEXANDER H	HUMAN ANTI-H. INFLUENZAE B IDIOTYPES	79,135
1R29 AI25183-01	MCLACHLAN, ALAN	HEPATITIS B VIRUS GENE EXPRESSION	59,600
1P01 GM38794-01	OLSON, ARTHUR J	PROTEIN FOLDING AND MACROMOLECULAR ASSEMBLY	492,600
1R01 HL38292-01	PLOW, EDWARD F	PLATELET GPIIB/IIIA: A MEMBER OF THE CYTOADHESIN FAMILY	113,288
1R01 GM38075-01	RYOJI, MASARU	MINICHROMOSOMES INTRODUCED IN CELL NUCLEI	88,354
1R01 AI25224-01	SOUTHERN, PETER J	MOLECULAR BASIS OF PERSISTENT VIRUS INFECTION	70,276
1R01 AR38695-01	TAN, ENG M	MOLECULAR CLONING AND FUNCTION OF PCNA	149,357
1R01 AG05880-01A2	THOMAN, MARILYN L	INTERLEUKIN 2 SYNTHESIS AND ACTIVITY	52,235
1R01 GM39699-01	THOMPSON, LINDA F	PHOSPHATIDYLINOSITOL-LINKED MEMBRANE PROTEINS	76,383
INSTITUTION TOTAL	13	1,526,289	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
SCRIPPS MEMORIAL HOSPITALS--WHITTIER INSTITUTE FOR DIABETES AND ENDOCRINOLOGY			
1S15 DK39400-01	MARKOFF, EDITH G	EIA READER	7,838
INSTITUTION TOTAL	1	7,838	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1S15 HL39488-01	AKESON, WAYNE H	OLYMPUS MODEL CUE 2 IMAGE ANALYSIS SYSTEM	81,788
1S15 GM39142-01	ATTIYEH, RICHARD E	BECKMAN ULTRACENTRIFUGE MODEL L7-55 BECKMAN LS-1701	67,077
1R01 DK38652-01	CHOJKIER, MARIO	HEPATOCYTE CONNECTIVE TISSUE PROTEIN PRODUCTION IN VIVO	91,620
1R01 CA44848-01	FENICAL, WILLIAM H	ANTITUMOR-ANTIBIOTICS FROM MARINE MICROORGANISMS	146,002
1R01 HD23273-01	HSUEH, AARON J	ROLE OF BIOACTIVE FSH IN REPRODUCTION	77,326
1R01 HL36861-01A1	LORENZI, MARA	HIGH GLUCOSE, DNA, AND DIABETIC COMPLICATIONS	94,501
1R01 NS25011-01	MANTHORPE, C MARSTON	AXONAL REGENERATION ON HUMAN AMNION MEMBRANE MATRIX	85,721
1R13 CA45696-01	ROYSTON, IVOR	SECOND INTERNATIONAL CONFERENCE OF MONOCLONAL ANTIBODY	7,000
1R01 CA43716-01A1	VARKI, NISSI M	MECHANISMS OF METASTASIS OF HUMAN NEOPLASM	96,838
1R01 NS25178-01	WILEY, CLAYTON A	MOLECULAR NEUROPATHOLOGY OF AIDS ENCEPHALITIS	72,656
INSTITUTION TOTAL	10	820,529	
CITY TOTAL	36	3,839,393	
LIVERMORE			
UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL LABORATORY			
1S15 CA46185-01	GLEDHILL, BARTON L	DISK DRIVES FOR COMPUTERS	14,729
INSTITUTION TOTAL	1	14,729	
CITY TOTAL	1	14,729	
LOMA LINDA			
LOMA LINDA UNIVERSITY			
1S15 HL39509-01	FRASER, GARY E	AT & T MICROCOMPUTER SYSTEM	6,500
INSTITUTION TOTAL	1	6,500	
CITY TOTAL	1	6,500	
LOS ANGELES			
ADVANCED ALLERGY RESEARCH CENTER, INC.			
1R43 AI24041-01A1	KERMANI-ARAB, VALI	MEASUREMENT OF INTERLEUKIN-2 AND INTERLEUKIN-2 RECEPTOR	48,350
INSTITUTION TOTAL	1	48,350	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES			
1R15 GM38438-01	GUTIERREZ, CARLOS G	SUBSTITUTED CROWN ETHER AS SULFHYDRYL TRANSFERASE MIMIC	50,000
1R15 GM38446-01	KEYS, RICHARD T	ELECTRON PARAMAGNETIC RESONANCE STUDY OF FREE RADICALS	49,998
1R15 NS24949-01	PEARSON, DAVID B	CAUDAL NEUROPEPTIDES: SEQUENCES OF MRNAS AND GENES	50,000
INSTITUTION TOTAL	3	149,998	
CEDARS-SINAI MEDICAL CENTER			
1R01 EY06807-01	KENNEY, CRISTINA M	KERATOCONUS: BIOCHEMICAL STUDIES	50,696
1S15 DK39406-01	MELMED, SHLOMO	PREPARATIVE ULTRACENTRIFUGE	17,323
INSTITUTION TOTAL	2	68,019	
CHARLES R. DREW POSTGRADUATE MEDICAL SCHOOL			
1S15 CA46192-01	SHACKS, SAMUEL J	ENZYME LINKED IMMUNOSORBENT ASSAY SYSTEM	11,817
INSTITUTION TOTAL	1	11,817	
CHILDREN'S HOSPITAL OF LOS ANGELES			
1R01 CA42919-01A1	DE CLERCK, YVES A	INHIBITION OF TUMOR CELL INVASION BY ENDOTHELIAL CELL	87,904
1S15 CA46214-01	DUKES, PETER P	PHOTOMETER FOR MICROPLATES, GRAPHICS WORK STATION	20,522
1R29 CA44754-01	FUNG, YUEN K	CLONING AND CHARACTERIZATION OF THE RETINOBLASTOMA GENE	66,500
1R01 CA43087-01A1	GOMER, CHARLES J	LASER INDUCED HYPERTHERMIA TO TREAT CHOROIDAL MELANOMA	89,436
1R01 CA44733-01	GOMER, CHARLES J	CHOROIDAL VESSEL DESTRUCTION TO TREAT OCULAR MELANOMA	90,932
INSTITUTION TOTAL	5	355,294	
ESTELLE DOHENY EYE FOUNDATION			
1R01 EY06953-01	RAO, NARSING A	ROLE OF MACROPHAGE FACTORS IN GRANULOMATOUS UVEITIS	80,900
INSTITUTION TOTAL	1	80,900	
OCCIDENTAL COLLEGE			
1R15 GM38450-01	AMEY, RALPH L	FTIR & FTNMR SPECTROSCOPY OF METAL-BINDING PROTEINS	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R29 HD22869-01	AKESSON, THOMAS R	ORGANIZATION OF STEROID REGULATED HYPOTHALAMIC SUBSTANCE	63,577
1R01 CA43121-01A1	BONAVIDA, BENJAMIN	PROGRAMMING FOR LYSIS STAGE IN NK CYTOTOXICITY	150,972
1R01 NS25400-01	BUCHWALD, JENNIFER S	ELECTROPHYSIOLOGICAL PROBES OF AGING	102,207
1R01 CA44532-01	GOLUB, SIDNEY H	NK CELLS IN TUMOR INFILTRATING LYMPHOCYTES	103,826
1R01 HD22548-01	HOWARD-BUTCHER, SHERREL G	NEUROTRANSMITTER RELEASE IN THE DEVELOPING CNS	56,420

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1R01 GM38509-01	JOHNSON, REID C	MOLECULAR ANALYSIS OF SITE-SPECIFIC DNA RECOMBINATION	84,818
1R01 CA45956-01	KRONENBERG, MITCHELL E	T CELL RECEPTOR AND GAMMA GENE REARRANGEMENT	97,332
1R01 NS25304-01	MACKLIN, WENDY B	MYFLIN PROTEIN GENE EXPRESSION	73,991
1R01 AR37037-01A1	MARKOLF, KEITH L	IN-VITRO FORCES IN THE ACL AND A SYNTHETIC SUBSTITUTE	142,611
1R01 CA44384-01	MC BRIDE, WILLIAM H	RESPONSE OF BRAIN TO RADIATION	135,911
1S15 GM39164-01	O'CONNOR, JOHN D	CENTRIFUGES, ROTORS, PLANT GROWTH CHAMBER, LIQUID	76,600
1R01 NS24429-01A1	PARDRIDGE, WILLIAM M	ASPARTAME AND PHENYLALANINE EFFECTS ON THE BRAIN	117,830
1R01 CA44904-01	REYNOLDS, CHARLES P	INDUCTION OF HUMAN NEUROBLASTOMA DIFFERENTIATION	94,847
1R01 DK38752-01	STERNINI, CATIA	ORGANIZATION AND EXPRESSION OF CGRP IN THE PANCREAS	59,163
1R01 GM38895-01	WICKNER, WILLIAM T	VACUOLE DIVISION/SEGREGATION DURING YEAST CELL CYCLE	65,687
1R29 AI25134-01	WU-HSIEH, BETTY	ROLE OF IFN-Y IN EXPERIMENTAL MURINE HISTOPLASMOSIS	58,440
INSTITUTION TOTAL	16	1,484,232	
UNIVERSITY OF SOUTHERN CALIFORNIA			
1R29 DK39204-01	ANTONIPILLAI, INDRA	CA & LIPOXYGENASE PRODUCTS IN CONTROL OF RENIN RELEASE	65,100
1R01 NS25182-01	BOTTJER, SARAH W	HORMONES & STRUCTURAL PLASTICITY IN THE ADULT BRAIN	77,109
1S15 AR39043-01	CRAWFORD, WILLIAM H	SHIMADZU LC-G2 HPLC UNIT & GILSON FRACTION COLLECTOR	16,833
1R01 HL39295-01	FARLEY, ROBERT A	STRUCTURE, FUNCTION, AND REGULATION OF CARDIAC NA,K-ATPA	98,414
1S15 ES04494-01	HOCHSTEIN, PAUL	HPLC FLUORESCENCE DETECTOR & SPECTROPHOTOMETER	23,435
1R01 DK37684-01A1	HSUEH, WILLA A	PROCESSING OF HUMAN PRORENIN	111,944
1R01 CA43220-01A1	KAN-MITCHELL, JUNE	TUMOR ANTIGENS DEFINED BY HUMAN MONOCLONAL ANTIBODIES	110,538
1R01 CA44907-01	SUSSMAN, STEVEN Y	SMOKELESS TOBACCO--ONSET, PREVENTION, AND CESSATION	330,724
INSTITUTION TOTAL	8	834,097	
CITY TOTAL	38	3,082,707	
MENLO PARK			
SRI INTERNATIONAL			
1S10 RR03291-01	PAYNE, PHILIP W	HIGH RESOLUTION MOLECULAR GRAPHICS WORKSTATION	161,000
1S15 CA46167-01	SKINNER, WILFRED A	OSCILLOSCOPE, FREEZERS, HPLC, RADIOACTIVITY DETECTOR	41,286
INSTITUTION TOTAL	2	202,286	
CITY TOTAL	2	202,286	
MOUNTAIN VIEW			
CALIFORNIA BIOTECHNOLOGY, INC.			
1R43 HL39348-01	PROTTER, ANDREW A	ANGIOGENEIS WITH ANTAGONIST/AGONIST ANALOGS/BASIC FGF	31,250
INSTITUTION TOTAL	1	31,250	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
MOUNTAIN VIEW			
DELTA RESEARCH GROUP, INC.			
1R43 CA45103-01	KASPRZAK, VINCENT D	A REAL TIME HIGH RESOLUTION ANALOG VIDEO TAPE	31,029
INSTITUTION TOTAL	1	31,029	
CITY TOTAL	2	62,279	
NEWPORT BEACH			
ANIMAL BIOTECH CORPORATION			
1R43 AI24408-01	MA, WAI-SAI	QUANTITATION OF BASOPHIL HISTAMINE RELEASE BY EIA	48,000
INSTITUTION TOTAL	1	48,000	
CITY TOTAL	1	48,000	
NORTHRIDGE			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT NORTHRIDGE			
1R15 GM38459-01	SPARLING, MARY L	POLARIZATION OF MEMBRANE DOMAINS IN EMBRYONIC CLEAVAGE	49,754
INSTITUTION TOTAL	1	49,754	
CITY TOTAL	1	49,754	
OAKLAND			
ADVANCED GENETIC SCIENCES, INC.			
1R43 AI24817-01	WOLBER, PAUL K	CRYOIMMUNOASSAY: ICE NUCLEATION AS A HIGH-GAIN DETECTOR	35,051
INSTITUTION TOTAL	1	35,051	
ADVANCED GENETICS RESEARCH INSTITUTE			
1R43 HL39378-01	WIESEHAHN, GARY P	DECONTAMINATION OF PLATELET CONCENTRATES	33,565
INSTITUTION TOTAL	1	33,565	
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1S15 CA46166-01	LAIRSON, PAUL D	LOCAL AREA NETWORK PERSONAL COMPUTERS	14,917
1P01 CA44648-01	VOGT, THOMAS M	TOBACCO REDUCTION IN AN HMO--A MODEL FOR CANCER CONTROL	1,000,000
INSTITUTION TOTAL	2	1,014,917	
PERALTA CANCER RESEARCH INSTITUTE			
1P01 CA44768-01	SMITH, HELENE S	MOLECULAR/CELLULAR APPROACHES TO BREAST CANCER DIAGNOSIS	836,920
INSTITUTION TOTAL	1	836,920	
CITY TOTAL	5	1,920,453	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
PALO ALTO			
PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE			
1S15 DK39374-01	COOPER, ALLEN D	ELUTRIATOR ROTOR, BENCH TOP FREEZE DRYER	9,141
INSTITUTION TOTAL 1		9,141	
CITY TOTAL 1		9,141	
PASADENA			
VESTAR RESEARCH, INC.			
1R43 CA44208-01	SCHMIDT, PAUL G	LIPOSOME ENCAPSULATED B-10 FOR NEUTRON CAPTURE THERAPY	41,097
INSTITUTION TOTAL 1		41,097	
CITY TOTAL 1		41,097	
RIVERSIDE			
UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
1R01 HD22953-01	EYMAN, RICHARD K	LIFE-SPAN THEORY OF ADAPTIVE BEHAVIOR OF RETARDED PEOPLE	160,513
1S15 ES04506-01	LEONARD, ROBERT T	FAST PROTEIN LIQUID CHROMATOGRAPH/HIGH RESOLUTION VCR	27,985
1R13 DK39301-01	MC PHERSON, ALEXANDER	CONFERENCE ON CRYSTAL GROWTH OF BIOLOGICAL MACROMOLECULE	5,000
1S15 DK39380-01	NORMAN, ANTHONY W	FLAME PHOTOMETER--SPECTROPHOTOMETER	9,074
1S10 RR03483-01	WILKINS, CHARLES L	MASS SPECTROMETER/HPLC SYSTEM	236,000
INSTITUTION TOTAL 5		438,572	
CITY TOTAL 5		438,572	
SAN DIEGO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY			
1R01 CA44921-01	ELDER, JOHN	SMOKELESS TOBACCO PREVENTION IN PUBLIC SCHOOLS	221,341
1S15 DK39419-01	NEEL, JAMES W	BECKMAN ULTRACENTRIFUGE & ROTOR	16,553
INSTITUTION TOTAL 2		237,894	
CITY TOTAL 2		237,894	
SAN FRANCISCO			
CALIFORNIA ACADEMY OF SCIENCES			
1R13 CA44702-01	FAUTIN, DAPHNE G	BIOMEDICAL IMPORTANCE OF MARINE ORGANISMS	13,000
INSTITUTION TOTAL 1		13,000	
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN FRANCISCO STATE UNIVERSITY			
1S15 GM39134-01	ANTIPA, GREGORY A	BECKMAN LIQUID SCINTILLATION COUNTER LS 3801	5,000

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN FRANCISCO STATE UNIVERSITY			
1R01 HL36255-01A1	CHIU, DANIEL T	OXIDATIVE HEMOGLOBIN DENATURATION AND RBC DESTRUCTION	56,129
INSTITUTION TOTAL	2	61,129	
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO			
1S15 HL39492-01	ROOM, ROBIN G	KINETIC MICROPLATE READER & 4-CHANNEL RECORDER SYSTEM	22,962
INSTITUTION TOTAL	1	22,962	
MOUNT ZION HOSPITAL AND MEDICAL CENTER			
1R01 DK38626-01	LIDDLE, RODGER A	INTEGRATED ROLE OF CCK ON THE GASTROINTESTINAL TRACT	100,934
INSTITUTION TOTAL	1	100,934	
SMITH-KETTLEWELL EYE RESEARCH FOUNDATION			
1R29 EY06948-01	FUJIKAWA, LESLIE S	IMMUNOPATHOGENESIS OF BREAKDOWN OF THE RETINAL BARRIER	75,930
INSTITUTION TOTAL	1	75,930	
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1S15 CA46193-01	BARONDES, SAMUEL	GAS CHROMATOGRAPH-MASS SPECTROMETER	34,574
1R01 AR38386-01	BIKLE, DANIEL D	VITAMIN D AND THE DIFFERENTIATION OF KERATINOCYTES	72,874
1R35 CA44338-01	BISHOP, J MICHAEL	RETROVIRUSES AND CANCER GENES	342,000
1R29 HL38947-01	BORSON, D B	ROLE OF ENKEPHALINASE IN REGULATING AIRWAYS	61,682
1R01 DK39957-01	BUNNETT, NIGEL W	PEPTIDE METABOLISM IN HUMAN STOMACH	90,120
1R23 LM04517-01	COLE, WILLIAM G	COMPUTER GRAPHIC AIDS FOR MEDICAL MENTAL MODELS	37,500
1R29 HL38774-01	DESCHEPPER, CHRISTIAN F	ANGIOTENSIN II IN ENDOCRINE ORGANS	61,727
1R01 CA44446-01	EPSTEIN, LOIS B	COMPARATIVE BIOLOGY OF HUMAN TNF AND IL-1	150,540
1R29 DE08207-01	FELTON, JEFFREY R	GENETIC STUDY OF PROTEASES IN BACTEROIDES GINGIVALIS	61,511
1R13 NS24527-01	FIELDS, HOWARD L	CONFERENCE DESCENDING CONTROL OF PAIN TRANSMISSION	14,596
1R01 CA44651-01	FU, KAREN K	NMR SPECTROSCOPY OF TUMOR RADIATION RESPONSE	130,741
1R01 HL39201-01	GINSBERG, DOROTHY	BIOLOGICAL AND BEHAVIORAL FACTORS IN SMOKING RELAPSE	145,273
1S10 RR03355-01	GLANTZ, STANTON A	CVRI ANIMAL CINERADIOGRAPHY SYSTEM	300,000
1R01 DK38939-01	GRENDELL, JAMES H	ROLE OF CHOLECYSTOKININ IN ACUTE PANCREATITIS	86,610
1S15 CA46243-01	HOENER, BETTY-ANN	UV/VIS SPECTROPHOTOMETER, FLUORESCENCE SPECTROPHOTOMETER	46,107
1R01 AG06804-01	JOHNSON, COLLEEN L	ELDERLY OUTPATIENT CARE AND INFORMAL SOCIAL SUPPORTS	103,262
1R01 DK38436-01	JONES, ALBERT L	DEVELOPMENT OF THE SECRETORY IMMUNE SYSTEM	69,294
1R29 NS25007-01	MAYER, CECILIA C	MOLECULAR AND BIOLOGIC ANALYSES OF HIV FROM THE BRAIN	73,145
1R01 DK37922-01	MILLER, WALTER L	MOLECULAR BIOLOGY OF STEROIDOGENIC P450 ENZYMES	142,145
1R01 DK38550-01	OWEN, ROBERT L	M CELL UPTAKE AND CYTOARCHITECTURE IN PEYER'S PATCHES	107,164
1R01 DE08275-01	PEREIRA, LENORE	GLYCOPROTEIN GB OF HSV--ORAL PATHOGEN	118,559
1S15 CA46244-01	SCHMID, RUDI	DARKFIELD MICROSCOPY SET-UP, HP 8452 SPECTROPHOTOMETER	97,326

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1R01 AI24288-01A1	STRICKER, RAPHAEL B	PATHOGENESIS OF AIDS-RELATED IMMUNE THROMBOCYTOPENIA	113,772
1P01 AI24768-01	SWEET, RICHARD L	REPRODUCTIVE INFECTIOUS DISEASE PROGRAM	230,357
1R29 HD22873-01	TAYLOR, ROBERT N	TROPHOBLAST PROLIFERATION AND GROWTH FACTOR EXPRESSION	64,532
1R01 HL38791-01	VERRIER, EDWARD D	HETEROTOPIC TRANSPLANTATION OF THE IMMATURE HEART	255,137
1R01 DK36354-01A1	YEN, CHI-KWAN	PORTASYSTEMIC SHUNT QUANTITATION WITH RADIOACTIVE TRACER	77,207
INSTITUTION TOTAL	27	3,087,755	
CITY TOTAL	33	3,361,710	
SAN JOSE			
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN JOSE STATE UNIVERSITY			
1R15 NS24980-01	VEREGGE, SYLVIA A	ANTICONVULSANT PROPEPTIES OF PROGESTERON	49,613
INSTITUTION TOTAL	1	49,613	
INSTITUTE FOR MEDICAL RESEARCH OF SANTA CLARA COUNTY			
1S15 ES04503-01	ANDERSON, RODNEY U	UV/VIS DIODE ARRAY SPECTROPHOTOMETER	6,470
INSTITUTION TOTAL	1	6,470	
CITY TOTAL	2	56,083	
SANTA BARBARA			
UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			
1R01 EY07022-01	LOOMIS, JACK M	ANALYSIS OF NAVIGATION WITHOUT SIGHT	74,609
INSTITUTION TOTAL	1	74,609	
CITY TOTAL	1	74,609	
SANTA CRUZ			
UNIVERSITY OF CALIFORNIA AT SANTA CRUZ			
1R01 DK38402-01	BERGER, RALPH J	CIRCADIAN REGULATION OF METABOLISM IN THE PIGEON	55,640
1R01 GM38549-01	KLIGER, DAVID S	TRANSIENT MAGNETIC CIRCULAR DICHROISM	102,235
INSTITUTION TOTAL	2	157,875	
CITY TOTAL	2	157,875	
STANFORD			
STANFORD UNIVERSITY			
1R01 CA44949-01	CHU, GILBERT	FINDING THE MOLECULAR DEFECT IN XERODERMA PIGMENTOSUM	90,488

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CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1R35 CA44349-01	HANAWALT, PHILIP C	CELLULAR PROCESSING OF DAMAGED DNA: ROLE IN ONCOGENESIS	102,518
1R01 GM38543-01	KOPITO, RON R	MOLECULAR BIOLOGY OF MAMMALIAN ANION TRANSPORT	103,675
1S15 DK39390-01	KORN, DAVID	NUCLEIC ACID EXTRACTOR, LIQUID SCINTILLATION COUNTERS	100,999
1R01 HL39478-01	MACOVSKI, ALBERT	VENOUS IMAGING USING MAGNETIC RESONANCE	78,858
1R01 HD22440-01	MARTORELL, REYNALDO	EARLY MALNUTRITION AND STATUS IN ADOLESCENCE	545,436
1R01 AI23435-01A1	O'HANLEY, PETER D	STRUCTURE-FUNCTION ANALYSIS OF E. COLI HEMOLYSIN	85,232
1R01 CA46507-01	PARNES, JANE R	REGULATION AND FUNCTION OF THE L3T4	75,206
INSTITUTION TOTAL	8	1,182,412	
CITY TOTAL	8	1,182,412	
STOCKTON			
UNIVERSITY OF THE PACIFIC			
1R15 HL39196-01	AVAKIAN, EDWARD V	CARDIOVASCULAR EFFECTS OF CHRONIC COCAINE & EXERCISE	50,000
1R15 GM38595-01	GROSS, PAUL H	SYNTHESIS OF AMINOMETHYL C-GLYCOSIDE DERIVATIVES	49,887
INSTITUTION TOTAL	2	99,887	
CITY TOTAL	2	99,887	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER			
1R01 HD22003-01	PADBURY, JAMES F	ENDOGENOUS OPIATES	80,800
INSTITUTION TOTAL	1	80,800	
CITY TOTAL	1	80,800	
WALNUT CREEK			
JOHN MUIR MEMORIAL HOSPITAL			
1S15 CA46235-01	CERIANI, ROBERTO L	CAHN M D 31 BALANCE AND BECKMAN ROTOR--TYPE VTI65	10,103
INSTITUTION TOTAL	1	10,103	
CITY TOTAL	1	10,103	
STATE TOTAL	175	17,045,217	
COLORADO			
BOULDER			
BIOSTAR MEDICAL PRODUCTS, INC.			
1R43 GM39008-01	HANLIN, H JOHN	NEW INTERFERENCE COLOR SLIDE	35,210
INSTITUTION TOTAL	1	35,210	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER			
1S15 CA46216-01	DIAMOND, LOUIS	AMINCO DW-2000 UV-VISIBLE SPECTROPHOTOMETER	13,095
1S10 RR03323-01	MOLANDER, GARY A	HEWLETT PACKARD 5988 GC-LC/MS SYSTEM	148,000
INSTITUTION TOTAL	2	161,095	
CITY TOTAL	3	196,305	
DENVER			
ATA CORPORATION			
1R43 GM39030-01	WOLF, JAMES L	CHRONOLOG & REMINDER FOR DROPPER APPLIED MEDICATION	28,038
INSTITUTION TOTAL	1	28,038	
CHILDREN'S HOSPITAL			
1R29 NR01620-01	KEEFE, MAUREEN R	IRRITABLE INFANT SYNDROME	67,434
INSTITUTION TOTAL	1	67,434	
DENVER CENTER FOR THE PERFORMING ARTS			
1R01 NS24409-01A1	TITZE, INGO R	TOWARD STANDARDS FOR VOICE ANALYSIS AND RECORDING	178,767
INSTITUTION TOTAL	1	178,767	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1R01 AG06127-01A1	GILDEN, DONALD H	NEUROBIOLOGY OF VARICELLA-ZOSTER VIRUS	106,928
1R13 CA45751-01	PIERCE, G BARRY	FIFTH INTERNATIONAL CONFERENCE	5,000
1R29 AI25105-01	SARNOW, PETER	STRUCTURE AND FUNCTION OF THE POLIOVIRUS RNA GENOME	66,840
1R29 DK38446-01	SOKOL, RONALD J	EFFECT OF VITAMIN E ON HEPATOCYTE STRUCTURE AND FUNCTION	68,004
INSTITUTION TOTAL	4	246,772	
CITY TOTAL	7	521,011	
FORT COLLINS			
COLORADO STATE UNIVERSITY			
1S15 CA46159-01	BARISAS, B GEORGE	QUANTA RAY DCR11 ND--YAG LASER / HG-2 HARMONIC GENERATOR	21,156
1S15 CA46202-01	ELKIND, MORTIMER M	LOW-TEMP FREEZER COLONY COUNTER & CELL ELUTRIATOR	23,660
1S10 RR03292-01	GILLIES, ROBERT J	PURCHASE OF 400 MHZ WIDE-BORE NMR SPECTROMETER	300,000
1R01 EY05553-01A1	GORTHY, WILLIS C	LYSOSOMAL HYDROLASES, LENS AGING AND CATARACTOGENESIS	83,132
1R01 NS24327-01A1	ISHII, DOUGLAS N	PATHOGENESIS OF DIABETIC NEUROPATHY	89,114
1R29 HD23236-01	ROESS, DEBORAH A	MEMBRANE EVENTS--FOLLOW HORMONE BINDING TO L H RECEPTOR	45,922
INSTITUTION TOTAL	6	562,984	
CITY TOTAL	6	562,984	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
GUNNISON			
WESTERN STATE COLLEGE OF COLORADO			
1R15 GM39031-01	MICHAELS, GLENDA B	ENVIRONMENTAL FACTORS INFLUENCING ANTIBIOTICS	49,220
INSTITUTION TOTAL	1	49,220	
CITY TOTAL	1	49,220	
LAKEWOOD			
AMC CANCER RESEARCH CENTER			
1S15 CA46186-01	FURMANSKI, PHILIP	UV/VIS SCANNING SPECTROPHOTOMETER	8,464
INSTITUTION TOTAL	1	8,464	
CITY TOTAL	1	8,464	
STATE TOTAL	18	1,337,984	
CONNECTICUT			
DANBURY			
NEUROCOMMUNICATION RESEARCH LABORATORIES, INC.			
1R43 EY05368-01A3	WEINSTEIN, SIDNEY	DEVELOPMENT OF A NEW CORNEAL AESTHESIOMETER AND NORMS	29,925
INSTITUTION TOTAL	1	29,925	
CITY TOTAL	1	29,925	
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
1R01 CA45382-01	CARMICHAEL, GORDON G	PROCESSING AND FUNCTION OF POLYOMA RNA	106,561
1R01 EY05495-01A3	ELGEBALY, SALWA A	IMMUNOLOGIC INJURY TO CORNEAL EPITHELIUM	70,647
1S15 DK39384-01	KENNEDY, JAMES E	TABLE-TOP ULTRACENTRIFUGE & POLARZING LIGHT MICROSCOPE	22,078
1S15 AI25413-01	PAPLAUSKAS, LEONARD P	SMALL INSTRUMENTATION PROGRAM	76,803
1R01 CA44846-01	WU, CATHERINE H	ENHANCED RADIOIMAGING OF HEPATIC TUMORS	73,491
INSTITUTION TOTAL	5	349,580	
CITY TOTAL	5	349,580	
HAMDEN			
QUINNIPIAC COLLEGE			
1R15 NS23194-01A1	KALOUSTIAN, KENNETH V	OPIATE RECEPTORS IN TISSUES	49,601
INSTITUTION TOTAL	1	49,601	
CITY TOTAL	1	49,601	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
MIDDLETOWN			
WESLEYAN UNIVERSITY			
1S10 RR03396-01	BOLTON, PHILIP H	MOLECULAR MODELING--MOLECULAR MECHANICS FACILITY	123,000
1S15 GM39127-01	GRABEL, LAURA B	SUPERSPEED REFRIGERATED CENTRIFUGE	10,716
INSTITUTION TOTAL 2		133,716	
CITY TOTAL 2		133,716	
NEW HAVEN			
YALE UNIVERSITY			
1S15 GM39130-01	ADELBERG, EDWARD A	SMALL INSTRUMENTATION PROGRAM	71,129
1R01 HL36977-01A1	BARRETT, PAULA Q	ATRIAL NATRIURETIC PEPTIDE AND ALDOSTERONE SECRETION	72,194
1R01 HL39467-01	EZEKOWITZ, MICHAEL D	IMPROVED INSTRUMENTATION FOR DIAGNOSIS OF VENOUS THROMBI	126,196
1R01 DK38673-01	GAUTAM, ANIL	OPTICAL QUANTITATION OF CANALICULAR BILE SECRETION	142,573
1R01 DK38578-01	GELFAND, ROBERT A	REGULATION OF SKELETAL MUSCLE PROTEIN METABOLISM IN MAN	83,770
1R01 CA43888-01	HAIT, WILLIAM N	DRUG SENSITIVITY OF CALCIUM-MODULATORS FROM BRAIN TUMORS	87,502
1R01 GM37759-01A1	HAYDAY, ADRIAN C	REGULATION OF T CELL GAMMA GENE EXPRESSION	90,283
1R03 CA45572-01	HAYDEN, CHERYL L	ESTROGEN RECEPTORS--NORMAL/NEOPLASTIC COLONIC MUCOSA	24,975
1S10 RR03456-01	KIDD, KENNETH K	COMPUTER RESOURCE FOR GENETIC EPIDEMIOLOGY	216,000
1S10 RR03190-01	KONIGSBERG, WILLIAM H	SHARED INSTRUMENTATION GRANT	128,000
1R01 HL39263-01	LEVENSON, ROBERT	CARDIAC NA,K-ATPASE GENES: STRUCTURE & FUNCTION	85,835
1R01 CA44537-01	NATH, RAVINDER	ENHANCEMENT OF IUDR SENSITIZATION BY LOW ENERGY PHOTONS	133,070
1R01 GM38627-01	SCHREIBER, STUART L	SYNTHESIS OF MATERIALS WITH PHYSIOLOGICAL PROPERTIES	97,834
1R01 CA45708-01	STERN, DAVID F	TRANSFORMATION BY THE NEU ONCOGENE PRODUCT AND BY EGF	176,169
1S15 CA46211-01	STOLWIJK, JAN A	SPECTROPHOTOMETER, ROTORS, ELECTROPHORESIS UNIT LIQUID	31,036
1R01 CA45300-01	SUMMERS, WILLIAM C	MOLECULAR BASIS OF DNA DAMAGE BY IONIZING RADIATION	101,803
1P01 HL38156-01	TSIEN, RICHARD W	MOLECULAR BIOPHYSICS AND BIOCHEMISTRY OF ION CHANNELS	845,352
INSTITUTION TOTAL 17		2,513,721	
CITY TOTAL 17		2,513,721	
STORRS			
UNIVERSITY OF CONNECTICUT STORRS			
1R29 NS25264-01	COVAULT, JONATHAN M	NERVE-MUSCLE INTERACTIONS--ROLE AND REGULATION OF N-CAM	74,895
1S15 GM39145-01	GIOLAS, THOMAS G	DENSITOMETER AND CHROMATOGRAPH FOR ANALYSIS	34,079
INSTITUTION TOTAL 2		108,974	
CITY TOTAL 2		108,974	
STATE TOTAL 28		3,185,517	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
1S15 DK39388-01	CAMPBELL, L LEON	FAST PROTEIN LIQUID CHROMATOGRAPH	18,878
1R01 DK39075-01	COLMAN, ROBERTA F	ACTIVE AND ALLOSTERIC SITE OF ISOCITRATE DEHYDROGENASES	156,363
1R01 HD19568-01A3	GOLINKOFF, ROBERTA M	LANGUAGE COMPREHENSION IN THE CEREBRAL PALSIED CHILD	77,481
INSTITUTION TOTAL	3	252,722	
CITY TOTAL	3	252,722	
STATE TOTAL	3	252,722	
DIST OF COL			
WASHINGTON			
AMERICAN SOCIETY FOR MICROBIOLOGY			
1R13 GM38507-01	MOSES, ROBB E	ASM CONFERENCE ON DNA REPLICATION AND MUTAGENESIS	15,000
1R13 AI24920-01	SHOCKMAN, GERALD D	ASM CONFERENCE--ANTIBIOTIC INHIBITION OF BACTERIAL CELL	1,500
INSTITUTION TOTAL	2	16,500	
CARNEGIE INSTITUTION OF WASHINGTON, D. C.			
1S15 GM39148-01	BROWN, DONALD D	FPLC SYSTEM	15,725
INSTITUTION TOTAL	1	15,725	
CATHOLIC UNIVERSITY OF AMERICA			
1R29 HD23275-01	JAVOIS, LORETTE C	MONOCLONAL ANTIBODIES AND PATTERN FORMATION IN HYDRA	54,273
INSTITUTION TOTAL	1	54,273	
GEORGE WASHINGTON UNIVERSITY			
1S15 DK39420-01	HALPERIN, MAX	SUN WORK STATION FOR BIOSTATISTICS RESEARCH	6,173
1R01 CA41239-01A2	KENNEDY, KATHERINE A	INTRACELLULAR PH AND ANTITUMOR DRUG EFFICACY	230,652
1R01 CA46090-01	KIND, PHYLLIS D	SYNGENEIC LYMPHOCYTE-MACROPHAGE INTERACTIONS	61,956
1R01 HL39168-01	VANDERHOEK, JACK Y	FISH OIL HYDROXY FATTY ACIDS AS CELLULAR MODULATORS	82,311
1P01 HL38079-01	WEGLICKI, WILLIAM B	MOLECULAR MECHANISMS OF CARDIOVASCULAR INJURY	492,345
1S15 HL39507-01	WEGLICKI, WILLIAM B	MASS SPECTROSCOPY UNIT	43,700
1R24 RR03725-01	ZOOK, BERNARD C	DEVELOPMENT OF ANIMAL SURGICAL RESOURCE	104,700
INSTITUTION TOTAL	7	1,021,837	
GEORGETOWN UNIVERSITY			
1R03 DE07915-01A1	COLE, MICHAEL F	EFFECT OF IGA1 PROTEASE ON SECRETORY IGA ANTIBODY	15,000
1S15 GM39159-01	DOUKAS, HARRY M	FREEZE DRYING EQUIPMENT	5,000

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
1R01 DK39308-01	JOSE, PEDRO A	RENAL DOPAMINE-1 RECEPTOR DEFECT IN HYPERTENSION	87,297
1S10 RR03267-01	KROMER, LAWRENCE F	BIOMEDICAL IMAGE ANALYSIS SYSTEM	196,000
1R13 CA45050-01	LANCASTER, WAYNE D	INTERNATIONAL PAPILLOMAVIRUS WORKSHOP-1987	14,000
1R01 DE08050-01	YU, JIA-HUEY	XEROSTOMIA-INDUCING MECHANISMS OF PSYCHOTROPIC DRUGS	41,803
INSTITUTION TOTAL	6	359,100	
HOWARD UNIVERSITY			
1R29 CA45515-01	AKIYAMA, STEVEN K	CELL SURFACE INTERACTIONS WITH FIBRONECTIN	67,809
1R29 GM39573-01	BONNEY, GEORGE E	STATISTICAL MODELING FOR GENETIC EPIDEMIOLOGY	49,834
1R01 CA45290-01	OLDEN, KENNETH	CELL BINDING TO MATRIX GLYCOPROTEINS	108,726
1R21 AG06998-01	STANDARD, RAYMOND L	HOWARD UNIVERSITY PLANNING GRANT--MINORITY AGING	50,000
INSTITUTION TOTAL	4	276,369	
U.S. DEPARTMENT OF THE ARMY--WALTER REED ARMY MEDICAL CENTER			
1R01 NR01549-01	TURNER, BARBARA S	ENDOTRACHEAL SUCTIONING IN NEWBORNS	87,676
INSTITUTION TOTAL	1	87,676	
CITY TOTAL	22	1,831,480	
STATE TOTAL	22	1,831,480	
FLORIDA			
CORAL GABLES			
UNIVERSITY OF MIAMI			
1S10 RR03351-01	ECHEGOYEN, LUIS A	VARIAN VXR-300 NMR SPECTROMETER	250,000
1S15 DK39421-01	FOGEL, BERNARD J	SMALL INSTRUMENTATION PROGRAM	83,395
INSTITUTION TOTAL	2	333,395	
CITY TOTAL	2	333,395	
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R13 DE08184-01	ANUSAVICE, KENNETH J	SYMPOSIUM:PLACEMENT & REPLACEMENT OF DENTAL RESTORATIONS	85,729
1S15 AI25388-01	BARBET, ANTHONY F	BECKMAN J2-21 CENTRIFUGE, DU-40 SPECTROPHOTOMETER	18,288
1R01 AI21856-01A1	BARRETT, DOUGLAS J	CHARACTERIZATION OF HUMAN TI-2 IMMUNE RESPONSE	62,016
1S15 AI25385-01	DOUGHERTY, MOLLY C	RECORDING WIND SYSTEMS & OTHER PIECES OF EQUIPMENT	27,103
1R01 HL39154-01	FREGLY, MELVIN J	PHYSIOLOGIC RESPONSES TO CHRONIC COLD EXPOSURE	111,558
1R01 DK38114-01	KELLER-WOOD, MAUREEN E	CONTROL OF CORTICOTROPIN DURING PREGNANCY	60,724

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1R01 AG05965-01A2	MEYER, EDWIN M	TURNOVER OF HIGH AFFINITY CHOLINE TRANSPORT ACTIVITY	42,596
1R29 NS25022-01	MIDDLEBROOKS, JOHN C	CORTICAL REPRESENTATION OF AUDITORY SPACE	67,316
1R29 CA44838-01	MILLER, ALAN M	METABOLIC AND MOLECULAR CONTROL OF MYELOPOIESIS	58,849
1R01 AR37353-01A1	NICK, HARRY S	MOLECULAR MECHANISMS FOR LIPOCORTIN GENE EXPRESSION	111,162
1R01 NS25181-01	RAREY, KYLE E	MICROHEMEOSTASIS OF THE COCHLEAR DUCT	61,403
1R29 GM38859-01	ROWE, THOMAS C	DNA TOPOISOMERASES IN HEAT SHOCK GENE EXPRESSION	61,948
1S15 GM39114-01	SCHWARTZ, MICHAEL A	SPECTROPHOTOMETERS	13,456
1R01 ES04435-01	SHIVERICK, KATHLEEN T	EFFECTS OF POLYAROMATIC COMPOUNDS ON PLACENTAL PROTEINS	76,360
1S15 AI25391-01	SILVERMAN, DAVID N	DNA SYNTHESIZER METABOLIC VIVOSTAT SUPERSPEED CENTRIFUGE	69,692
1R01 HL36645-01A1	SUMNERS, COLIN	FUNCTIONAL REGULATION OF BRAIN ANGIOTENSIN	102,366
INSTITUTION TOTAL	16	1,030,566	
CITY TOTAL	16	1,030,566	
MIAMI			
UNIVERSITY OF MIAMI			
1R29 AR38872-01	FREGIEN, NEVIS L	EFFECTS OF MITOGENS ON MUSCLE GROWTH & GENE EXPRESSION	56,565
1R01 CA44737-01	GANJU-KRISHAN, AWTAR	MULTIPLE DRUG RESISTANCE IN HUMAN SOLID TUMORS	113,763
1R01 AR37447-01A1	KERRICK, W GLENN L	MECHANISMS OF PROTEIN DEPHOSPHORYLATION IN SMOOTH MUSCLE	102,613
1R03 EY07329-01	KSANDER, BRUCE R	LOCAL IMMUNE RESPONSE TO INTRAOCULAR TUMORS	15,000
1R01 EY07163-01	LINGUA, ROBERT W	QUANTIFYING THE TONIC FORCE EFFECT OF STRABISMUS	63,311
1P01 HD21885-01A1	LUBS, HERBERT A	DYSLEXIA SUBTYPES--GENETICS, BEHAVIOR AND BRAIN IMAGING	462,423
1R01 CA45957-01	MALEK, THOMAS R	INTERLEUKIN 2 RECEPTOR AND T LYMPHOCYTE GROWTH	85,993
1R29 NS25785-01	MASH, DEBORAH C	CHOLINERGIC RECEPTOR ARCHITECTONICS IN AGE & ALZHEIMER'S	87,018
1R01 EY06968-01	PIERCE, JAMES M	RETINA: SPECIFIC INTERCELLULAR ATTACHMENT	81,756
1R01 CA42984-01A1	SAMY, T S ANANTHA	DNA DAMAGE/REPAIR AND RESISTANCE TO ANTHRACYCLINES	74,409
1R01 HD22952-01	SCOTT, MARCIA STRONG	EARLY DETECTION OF MILD MENTAL RETARDATION	103,809
1R24 RR03771-01	WAGNER, JOSEPH L	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	320,287
INSTITUTION TOTAL	12	1,566,947	
CITY TOTAL	12	1,566,947	
MIAMI BEACH			
MOUNT SINAI MEDICAL CENTER			
1R24 RR03778-01	ABRAHAM, WILLIAM M	ANIMAL RESEARCH IMPROVEMENT AWARD	52,631
1S15 ES04498-01	ABRAHAM, WILLIAM M	HIGH SPEED CENTRIFUGE	8,760
INSTITUTION TOTAL	2	61,391	
CITY TOTAL	2	61,391	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
SAINT PETERSBURG			
SHOWA UNIVERSITY RESEARCH INSTITUTE FOR BIOMEDICINE IN FLORIDA, INC.			
1R01 GM38656-01	LITMAN, GARY W	DEVELOP CONTROL OF XENOPUS IMMUNOGLOBULIN GENES	131,685
1S15 CA46155-01	NONOYAMA, MEIHAN	BECKMAN MODEL L8-70M ULTRA CENTRIFUGE	7,944
INSTITUTION TOTAL 2		139,629	
CITY TOTAL 2		139,629	
TALLAHASSEE			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1R01 AG06841-01	BEIDLER, LLOYD M	EFFECT OF AGE ON TASTE	112,820
1R29 GM38791-01	EPSTEIN, LLOYD M	SELF-CLEAVING TRANSCRIPTS OF SATELLITE DNA	59,204
1R01 EY07072-01	WILLIAMS, THEODORE P	OPTIC NERVE EFFECTS ON RETINAL PROPERTIES	62,643
INSTITUTION TOTAL 3		234,667	
CITY TOTAL 3		234,667	
TAMPA			
IMMUNOMED CORPORATION			
1R43 AI24380-01	MC MICHAEL, JOHN C	ANTIGENICITY OF GONOCOCCAL PILUS OLIGOMERS	44,533
INSTITUTION TOTAL 1		44,533	
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA			
1R01 HL33840-01A2	BAKER, CARLETON H	MICROVASCULAR RESPONSES TO SHOCK	35,613
1S15 GM39136-01	POLSON, JAMES B	MICROFERM FERMENTOR--GAMMA COUNTING SYSTEM	22,424
1R29 CA45513-01	STOCKWELL, HEATHER G	EPIDEMIOLOGY OF LUNG CANCER IN NON-SMOKING WOMEN	66,072
1R01 CA42960-01A1	WICKSTROM, ERIC	OLIGONUCLEOTIDE INHIBITION OF ONCOGENE EXPRESSION	95,500
INSTITUTION TOTAL 4		219,609	
CITY TOTAL 5		264,142	
STATE TOTAL 42		3,630,737	
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R01 DK35898-01A2	DAILEY, HARRY A	INDUCTION OF HEME BIOSYNTHESIS IN FRIEND CELLS	110,001
1R01 NS25101-01	KEITH, CHARLES H, III	TUBULIN TRANSPORT IN CULTURED NEURONS	62,826
1S15 AI25423-01	KEY, JOE L	PURCHASE OF SMALL INSTRUMENTATION	40,151
1R29 ES04410-01	SCHNELLMANN, RICKY G	MECHANISM OF NEPHROTOXICITY OF ENVIRONMENTAL HALOCARBONS	87,940

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
ATHENS			
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA			
1R01 AI23762-01A1	SPINDLER, KATHERINE R	MOLECULAR BIOLOGY & PATHOGENESIS OF ADENOVIRUS	96,804
INSTITUTION TOTAL	5	397,722	
CITY TOTAL	5	397,722	
ATLANTA			
ATLANTA UNIVERSITY			
1R13 AG07072-01	WATSON, WILBUR H	SCIENTIFIC CONFERENCE ON HEALTH OF THE BLACK AGED	17,545
INSTITUTION TOTAL	1	17,545	
EMORY UNIVERSITY			
1S10 RR03477-01	ANDERSON, LEIGH C	TRANSMISSION ELECTRON MICROSCOPE	130,000
1R29 GM38464-01	JINKS-ROBERTSON, SUE	RECOMBINATION BETWEEN REPEATED SEQUENCE IN YEAST	66,803
1R01 HL33965-01A1	KING, SPENCER B	COMPARISON OF PTCA AND CABG	641,590
1R01 CA46508-01	LAMBETH, JOHN D	REGULATION OF NEUTROPHIL FUNCTION	90,954
1R01 CA44404-01	LIEBESKIND, LANNY S	ALKYLIDENE CYCLOPENTENONES--ORGANOMETALLIC ENTRIES	92,704
1S15 CA46177-01	STEVENS, ANN R	HIGH PRESSURE APPARATUS--HPC-1300 AND OTHERS	29,086
1R01 DE07908-01	VAN DYKE, THOMAS E	PERIODONTAL LPS MODULATION OF PMN FUNCTION	77,606
1S15 AI25394-01	WHITESCARVER, JACK E	ROTOR ULTRACENTRIFUGE, DENSITOMETER, PERFUSION SYSTEM	77,056
1R01 AI25132-01	ZIEGLER, HARRY K	REGULATION OF MACROPHAGE FUNCTION BY LIPOPOLYSACCHARIDE	89,414
INSTITUTION TOTAL	9	1,295,213	
MOREHOUSE SCHOOL OF MEDICINE			
1S10 RR03412-01	LO, WOO-KUEN	ELECTRON MICROSCOPY FOR BIOMEDICAL INVESTIGATIONS	89,000
1S15 DK39396-01	LO, WOO-KUEN	CRYO SECTIONING SYSTEM	5,000
INSTITUTION TOTAL	2	94,000	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
1R01 EY06800-01	BORKMAN, RAYMOND F	PHOTOCHEMISTRY & SPECTROSCOPY OF LENSES & LENS PROTEINS	99,627
1S15 GM39111-01	DEUTSCH, HOWARD M	DNA SYNTHESIZER	18,629
1R01 AG06858-01	SALTHOUSE, TIMOTHY A	EFFECTS OF AGE ON SPATIAL ABILITIES AMONG ENGINEERS	59,228
1R01 CA43806-01A1	TOLBERT, LAREN M	BIO-OXIDATION OF ARYLALKYL HYDROCARBONS	85,985
INSTITUTION TOTAL	4	263,469	
CITY TOTAL	16	1,670,227	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
1R01 GM37948-01A1	ARONSTAM, ROBERT S	VOLATILE ANESTHETICS AND CARDIAC MUSCARINIC SYSTEMS	78,759

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
1R01 HL35953-01A2	CATRAVAS, JOHN D	MUSCARINIC SYSTEMS OF THE PULMONARY VASCULATURE	91,794
1S15 DK39382-01	LEIBACH, FREDERICK H	MODEL LS-3 FLUORESCENCE SPECTROPHOTOMETER: HRLC-HPLC	40,146
1R01 HL37022-01A1	NOSEK, THOMAS M	INRACELLULAR MILIEU AFFECTS MUSCLE CONTRACTION	81,024
INSTITUTION TOTAL	4	291,723	
CITY TOTAL	4	291,723	
STATESBORO			
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA SOUTHERN COLLEGE			
1R01 AI24899-01	OLIVER, JAMES H, JR	IXODES TICKS AND BORRELIA BURGDORFERI IN SOUTHEAST U.S.	93,983
INSTITUTION TOTAL	1	93,983	
CITY TOTAL	1	93,983	
STATE TOTAL	26	2,453,655	
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1S15 CA46189-01	GIBBONS, BARBARA H	SEQUENCING WORKSTATIONS, SPECTROMETER, MICROSCOPE	32,478
1R29 CA44503-01	LE MARCHAND, LOIC	CANCER RISKS--BODY WEIGHT IN YOUTH AND MIDDLE AGE	61,054
1R01 CA45288-01	TIUS, MARCUS A	LABELLED MARINE ANTITUMOR PROMOTERS	40,378
INSTITUTION TOTAL	3	133,910	
CITY TOTAL	3	133,910	
STATE TOTAL	3	133,910	
ILLINOIS			
CARBONDALE			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY AT CARBONDALE			
1S15 AR39056-01	YOPP, JOHN H	ULTRA SCAN XL LASER SENSITOMETER--MICRODIALYSIS	14,351
INSTITUTION TOTAL	1	14,351	
CITY TOTAL	1	14,351	
CHAMPAIGN			
SOCIETY FOR THE STUDY OF REPRODUCTION			
1R13 HD23183-01	DZIUK, PHILIP	SYMPOSIUM AND STATE-OF-THE-ART LECTURES	3,500
INSTITUTION TOTAL	1	3,500	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1R01 CA44876-01	CAIN, CHARLES A	MODULATION OF THE IMMUNE SYSTEM BY HYPERTHERMIA	108,586
1R01 CA44938-01	CAIN, CHARLES A	ULTRASONIC IMAGING OF THE NONLINEAR PARAMENTERS B/A	111,685
1R01 CA42388-01A1	MAGIN, RICHARD L	NMR IMAGE ENHANCEMENT: CONTRAST AGENTS AND LIPOSOMES	88,115
1R01 HL39704-01	O'BRIEN, WILLIAM D, JR	FLOW QUANTIFICATION VIA ULTRASOUND TIME-DOMAIN	136,137
1S15 DK39383-01	SWARTZ, HAROLD M	SCANNING SPECTROPHOTOMETER, CENTRIFUGE	23,537
INSTITUTION TOTAL	5	468,060	
CITY TOTAL	6	471,560	
CHICAGO			
CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE			
1R15 NS24961-01	CASTEEL, NANCY	NEUROLOGICAL DISEASE: VIRUS-INDUCED CNS AUTOIMMUNITY	49,490
1R15 EY07063-01	GLONEK, THOMAS	CORNEAL PRESEVATION WITH TREHALOSE	46,213
INSTITUTION TOTAL	2	95,703	
IIT RESEARCH INSTITUTE			
1S15 ES04495-01	EHRLICH, RICHARD	TISSUE PROCESSOR	10,500
INSTITUTION TOTAL	1	10,500	
ILLINOIS CANCER COUNCIL			
1S15 CA46232-01	LANSKY, SHIRLEY B	DEC RA 81-AA DISK SUBSYSTEM INFORMIX TM RDBMS	15,008
INSTITUTION TOTAL	1	15,008	
ILLINOIS INSTITUTE OF TECHNOLOGY			
1S15 HL39523-01	JAEGER, ROBERT J	HONEYWELL OSCILLOGRAPH RECORDER	8,867
INSTITUTION TOTAL	1	8,867	
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
1S15 CA46156-01	COHEN, SIDNEY	HIGH PRESSURE LIQUID CHROMATOGRAPHY SYSTEM	28,050
1R01 HD22063-01A1	PHILLIPPE, MARK	UTERINE MYOCYTE ADRENOCEPTORS	87,438
INSTITUTION TOTAL	2	115,488	
NATIONAL OPINION RESEARCH CENTER			
1R01 HD22200-01	GRONAU, REUBEN	ALLOCATION OF RESOURCES WITHIN THE FAMILY	48,411
1R01 HD24041-01	MASSEY, DOUGLAS S	CONSEQUENCES OF RESIDENTIAL SEGREGATION	130,279
INSTITUTION TOTAL	2	178,690	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
1R01 CA44947-01	BAUER, KENNETH D	ANALYTICAL CYTOMETRIC INVESTIGATION OF PROSTATIC CANCER	88,911
1R21 AG07169-01	DAVIS, LUCILLE H	SOCIAL FACTORS IN THE HEALTH OF BLACK URBAN ELDERS	47,373
1R01 NS23482-01A1	DISTERHOFT, JOHN F	BIOPHYSICAL ANALYSIS OF LEARNING	92,978
1R01 HL39444-01	NELSON, DOUGLAS O	MECHANISMS OF REFEEDING HYPERTENSION IN DIETARY OBESITY	110,195
1S15 CA46194-01	NUTTER, DONALD O	ULTRACENTRIFUGE, COUNTER, IMAGE ANALYSIS SYSTEM	70,981
1R01 DK37958-01A1	REDDY, JANARDAN K	HEPATOCYTE DIFFERENTIATION IN PANCREAS	87,113
1S15 AR39044-01	VEIS, ARTHUR	GAMMA COUNTER	17,665
1R01 CA44475-01	WEIL, SUSAN C	MYELOOPEROXIDASE: BIOSYNTHESIS, STRUCTURE AND PATHOLOGY	77,847
INSTITUTION TOTAL	8	593,063	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1S15 AR39049-01	FRIED, WALTER	RADIO-ACTIVE FLOW DETECTOR FOR HPLC	48,837
1R01 HL39194-01	SUBBAIAH, PAPASANI V	ANTIATHEROGENIC ACTIONS OF OMEGA-3 FATTY ACIDS	142,600
INSTITUTION TOTAL	2	191,437	
UNIVERSITY OF CHICAGO			
1R01 CA45336-01	ASHMAN, CHARLES R	SPECIFICITY OF IONIZING RADIATION MUTAGENESIS	109,212
1R01 GM38462-01	COYNE, JERRY A	GENETIC BASIS OF SPECIES DIFFERENCES IN DROSOPHILA	43,978
1R35 CA44372-01	FITCH, FRANK W	REGULATION OF T LYMPHOCYTE IMMUNE RESPONSES	170,000
1R01 NS25146-01	GURNEY, MARK E	AIDS-DEMENTIA DUE TO GP120 HOMOLOGY TO NEUROLEUKIN	97,417
1R29 DK38593-01	HANCOCK, LARRY W	LYSOSOMAL TRANSPORT AND METABOLISM OF SIALIC ACID	55,634
1R01 EY06789-01	MC CREA, ROBERT A	MORPHOPHYSIOLOGY OF CEREBELLAR-VESTIBULAR PATHWAYS	73,770
1R03 EY07209-01	MINOR, LLOYD B	VESTIBULAR AFFERENT INPUTS TO SECONDARY NEURONS	14,448
1P01 AI24009-01A1	ROIZMAN, BERNARD	MOLECULAR MECHANISMS OF HERPES SIMPLEX VIRUS LATENCY	380,330
1R01 GM38649-01	STORB, URSULA B	MUTATION OF IG GENES IN MYELOMA TUMORS	106,339
1R01 NS25787-01	WAINER, BRUCE H	CELL CULTURE MODEL FOR STUDIES FOR ALZHEIMER DISEASE	79,230
1R29 CA44700-01	WESTBROOK, CAROL A	MOLECULAR GENETICS OF CHROMOSOME NINE TRANSLOCATIONS	59,224
1R01 CA45686-01	WINKLER, JEFFREY D	SYNTHESIS OF TUMOR PROMOTORS & INHIBITORS	102,287
INSTITUTION TOTAL	12	1,291,869	
UNIVERSITY OF ILLINOIS AT CHICAGO			
1R01 HL39307-01	BOWEN, PHYLLIS E	LONG TERM EFFECTS OF CHOLESTEROL LOWERING DIETS IN WOMEN	224,714
1S15 GM39156-01	CORDELL, GEOFFREY A	INSTRUMENTATION AT UNIVERSITY OF ILLINOIS-CHICAGO	28,234
1S10 RR03521-01	DOUGHTY, CLYDE C	PROTEIN SEQUENCING AND PEPTIDE SYNTHESIZING FACILITY	250,000
1R01 GM37661-01	JAHN, CAROLYN L	GENOME REORGANIZATION DURING MACRONUCLEAR DEVELOPMENT	87,906
1S10 RR03295-01	JOHNSON, MICHAEL E	BIOMOLECULAR ANALYSIS BY VERY HIGH FIELD NMR	300,000
1R03 DE08038-01	KAY, ELIZABETH D	PHENOTYPIC LINKAGE IN THE HUMAN CRANIOFACIAL REGION	4,200
1R01 NR01594-01	KNAFL, KATHLEEN A	FAMILIES DEFINE AND MANAGE A CHILD'S CHRONIC ILLNESS	88,272
1S15 GM39125-01	LAUMANN, EDWARD O	HPLC/DISPENSER/CAGES/COMPUTER/POLYSOMNOGRAPH	28,134

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS AT CHICAGO			
1R01 CA41432-01A1	LEBRETON, PIERRE R	UV PHOTOELECTRON STUDIES OF ELECTRONIC INFLUENCE	54,180
1R21 AG07022-01	LIU, WILLIAM T	ASIAN AMERICAN ELDERLY RESEARCH: A PILOT STUDY	50,000
1R01 AI25106-01	NICHOLS, BRIAN P	MECHANISMS OF SULFONAMIDE RESISTANCE IN E. COLI	110,137
1R01 HD23022-01	ROWITZ, LOUIS	DOMESTIC CYCLE OF FAMILIES WITH RETARDED OFFSPRING	156,968
1R01 NS25054-01	SAGEN, JACQUELINE	PAIN REDUCTION BY GRAFTS OF CHROMAFFIN CELL DERIVATIVES	79,738
1S15 CA46150-01	VENTON, DUANE L	REPLACEMENT LIQUID SCINTILLATION ANALYZER	7,561
1R01 ES04317-01	YEATES, DONOVAN B	REGULATION OF CILIARY BEAT	110,585
INSTITUTION TOTAL 15		1,580,629	
CITY TOTAL 46		4,081,254	
DE KALB			
NORTHERN ILLINOIS UNIVERSITY			
1S15 GM39165-01	KRESHECK, GORDON C	PURCHASE OF AN ULTRACENTRIFUGE	7,261
INSTITUTION TOTAL 1		7,261	
CITY TOTAL 1		7,261	
EVANSTON			
NORTHWESTERN UNIVERSITY			
1R29 GM37996-01	MACKENZIE, PETER B	NEW CATALYSTS FOR ASYMMETRIC DIELS-ALDER REACTIONS	60,317
1R01 GM38984-01	NOLL, HANS	MOLECULAR GENETICS OF TOPOSOMES EUCARYOTES	144,477
INSTITUTION TOTAL 2		204,794	
CITY TOTAL 2		204,794	
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1R29 CA44659-01	BAJKOWSKI, ANDREW S	PROCESSING AND SECRETION OF CATHEPSIN B IN METASTASIS	75,052
1S15 AI25389-01	ROBINSON, JOHN A	DNA SEQUENCE READER, FOTODYNE CAMERA	22,124
INSTITUTION TOTAL 2		97,176	
CITY TOTAL 2		97,176	
NORMAL			
ILLINOIS STATE UNIVERSITY			
1R15 ES04368-01	KATZ, ALAN J	CHEMICAL ANTIMUTAGENESIS DROSOPHILA	50,000
INSTITUTION TOTAL 1		50,000	
CITY TOTAL 1		50,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1R03 EY07101-01	ACHAR, SRINIVASA B	ACANTHAMOEBA KERATITIS: IN VITRO STUDY OF PATHOGENICITY	15,000
1S15 CA46152-01	KIM, YOON B	GAMMA COUNTER DATA PROCESSOR AND BIOSAFETY CABINET	27,709
INSTITUTION TOTAL	2	42,709	
CITY TOTAL	2	42,709	
PARK RIDGE			
AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS			
1R13 AR38755-01	WOO, SAVIO L	INJURY & REPAIR OF MUSCULOSKELETAL SOFT TISSUES	27,560
INSTITUTION TOTAL	1	27,560	
CITY TOTAL	1	27,560	
ROCKFORD			
UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE AT ROCKFORD			
1R01 NS23381-01A1	YOUNG, PAUL R, JR	METHYLATION OF MYELIN BASIC PROTEIN	80,245
INSTITUTION TOTAL	1	80,245	
CITY TOTAL	1	80,245	
SCHAUMBURG			
AMERICAN VETERINARY MEDICAL ASSOCIATION			
1R13 RR03793-01	GLOYD, JOE S	RECOGNITION & ALLEVIATION OF ANIMAL PAIN & DISTRESS	10,000
INSTITUTION TOTAL	1	10,000	
CITY TOTAL	1	10,000	
STATE TOTAL	64	5,086,910	
INDIANA			
BLOOMINGTON			
INDIANA UNIVERSITY AT BLOOMINGTON			
1R01 HL38833-01	ODYA, CHARLES E	BRADYKININ RECEPTOR STUDIES--IMMUNOLOGICAL APPROACHES	54,954
INSTITUTION TOTAL	1	54,954	
CITY TOTAL	1	54,954	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
INDIANAPOLIS			
BUTLER UNIVERSITY			
1R15 DE08116-01	KARN, ROBERT C	CLONING ANDROGEN BINDING PROTEIN CDNAS IN LAMBDA	49,850
INSTITUTION TOTAL	1	49,850	
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1R01 CA45571-01	BOSWELL, H SCOTT	MECHANISMS OF HEMOPOIETIC IMMORTALIZATION	74,574
1S15 DK39394-01	DALY, WALTER J	BETA SCANNING SYSTEM LIQUID SCINTILLATOR	69,097
1R01 CA45677-01	GABIG, THEODORE G	IL-3 RESPONSE--CONTROL BY G PROTEINS	80,327
1R29 AR38934-01	HAEBERLE, JOE R	REGULATION OF VASCULAR SMOOTH MUSCLE CONTRACTION	79,389
1R29 NS25087-01	HWANG, BANG H	ROLE OF GABAERGIC NEURONS IN AUTONOMIC NUCLEI	76,244
1S15 GM39170-01	O'DONNELL, MARTIN J	HPLC FLUORESCENCE DETECTOR	5,000
INSTITUTION TOTAL	6	384,631	
CITY TOTAL	7	434,481	
MUNCIE			
BALL STATE UNIVERSITY			
1R15 GM37439-01A1	GARCIA, JOSE R	REGULATION OF S-ADENOSYLMETHIONINE SYNTHETASE	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
NOTRE DAME			
AMERICAN BIOGENETIC SCIENCES, INC.			
1R43 AI24371-01	ROSEN, ELLIOT D	SYNTHETIC VACCINES UTILIZING BACULOVIRUS POLYHEDRA	49,380
INSTITUTION TOTAL	1	49,380	
UNIVERSITY OF NOTRE DAME			
1R01 EY06808-01A1	O'TOUSA, JOSEPH E	GENETIC ANALYSIS OF RETINAL DEGENERATION IN DROSOPHILA	87,290
1S15 GM39154-01	SCHEIDT, W ROBERT	INFRARED SPECTROPHOTOMETER	21,846
INSTITUTION TOTAL	2	109,136	
CITY TOTAL	3	158,516	
TERRE HAUTE			
INDIANA STATE UNIVERSITY			
1R15 GM38506-01	BOZARTH, ROBERT F	TRANSLATION AND PROCESSING OF U. MAYDIS VIRUS TOXIN	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
WEST LAFAYETTE			
PURDUE UNIVERSITY WEST LAFAYETTE			
1S15 CA46196-01	CASSADY, JOHN M	HIGH PRESSURE LIQUID CHROMATOGRAPHS	22,730
1R01 CA45667-01	GEAHLEN, ROBERT L	INHIBITORS PROTEIN MYRISTOYLATION AS ANTICANCER DRUGS	113,698
1S15 GM39163-01	ISOM, GARY E	BECKMAN CENTRIFUGE 7 ROTOR 2 SORVLL CENTRIFUGE	57,229
1R01 HD23984-01	MCDANIEL, MARK A	ENCODING DIFFICULTY AND MEMORY--UNIFYING THEORY	46,902
1R03 EY07164-01	SHERMAN, PETER J	CORNEA THICKNESS MEASUREMENT METHOD FOR RK CUTTING	14,864
INSTITUTION TOTAL	5	255,423	
CITY TOTAL	5	255,423	
STATE TOTAL	18	1,003,374	
IOWA			
AMES			
IOWA STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY			
1S10 RR03258-01	GRAVES, DONALD J	PEPTIDE SYNTHESIS FACILITY	119,000
INSTITUTION TOTAL	1	119,000	
CITY TOTAL	1	119,000	
CEDAR FALLS			
UNIVERSITY OF NORTHERN IOWA			
1R15 GM38457-01	CAMPBELL, RUSSELL B	COST OF DELETERIOUS MUTATIONS	25,276
INSTITUTION TOTAL	1	25,276	
CITY TOTAL	1	25,276	
DES MOINES			
UNIVERSITY OF OSTEOPATHIC MEDICINE AND HEALTH SCIENCES			
1R15 HL38670-01	JOHNSON, JAMES C	RECEPTORS OF COXSACKIE B3 VIRUS INFECTED HEART MYOCYTES	49,857
1R15 GM38593-01	MAKAR, ADEEB B	FORMATE METABOLISM & METHANOL POISONING IN YOUNG RATS	50,000
INSTITUTION TOTAL	2	99,857	
CITY TOTAL	2	99,857	
IOWA CITY			
UNIVERSITY OF IOWA			
1R01 EY06802-01A1	BALE, JAMES F, JR	PATHOGENESIS OF MCMV INFECTION OF OCULAR STRUCTURES	94,184
1R01 HL39265-01	CAMPBELL, KEVIN P	CA2+ RELEASE CHANNEL FROM CARDIAC SARCOPLASMIC RETICULUM	118,575

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
1R29 NS25139-01	CASSELL, MARTIN D	AFFERENTS AND ENDOGENOUS PEPTIDES IN THE AMYGDALA	55,324
1S15 HL39517-01	ECKSTEIN, JOHN W	GAS CHROMATOGRAPH SPECTROPHOTOMETER & OTHER INSTRUMENTS	83,183
1R29 HL38901-01	FARACI, FRANK M	REGULATION OF CIRCULATION TO BRAIN STEM	59,466
1R01 NS24629-01	FELLOWS, ROBERT E, JR	INSULIN-LIKE FACTORS IN NEURONAL DEVELOPMENT	143,346
1R01 CA45634-01	GINDER, GORDON D	REGULATION OF HLA-CLASS I GENE EXPRESSION IN HUMAN TUMOR	100,931
1R01 HL38959-01	GISOLFI, CARL V	MECHANISM OF CIRCULATORY INSUFFICIENCY IN HEAT STROKE	90,215
1P01 NS24621-01	HEISTAD, DONALD D	CEREBRAL BLOOD VESSELS	702,916
1R01 HL39095-01	HOLLAND, LENE J	COORDINATE HORMONAL REGULATION OF THE FIBRINOGEN GENES	94,954
1R01 HL39097-01	KISKER, C THOMAS	REGULATORY MECHANISMS OF PROTHROMBIN DEVELOPMENT	96,482
1R29 NS24991-01	KUKULKA, CARL G	STUDIES OF CUTANEOUS AFFERENT EFFECTS	61,005
1S10 RR03498-01	LIU, YOUNG K	REAL-TIME DIGITAL COMPUTER SYSTEM	144,000
1R29 HL39046-01	PATEL, KAUSHIK P	CONTROL OF NORADRENERGIC MECHANISMS IN ATRIAL REFLEX	53,675
1R29 AI25181-01	ROGERS, GARY N	MYXOVIRUS RECEPTOR SPECIFICITY: BIOLOGICAL IMPLICATIONS	74,727
1R01 EY06911-01	SCHOENWALD, RONALD D	NEW ANTIVIRALS FOR THE CORNEA AND ANTERIOR SEGMENT	129,032
1R01 HL39308-01	SPECTOR, ARTHUR A	FISH OIL FATTY ACIDS AND ARTERIAL SMOOTH MUSCLE CELLS	74,917
1S15 GM39160-01	SPRIESTERBACH, D C	SYNTHESIZER-QUENCH SYSTEM-SELSPOT UPGRADE	41,223
1S15 CA46246-01	WILEY, ROBERT A	PURCHASE OF A HIGH PERFORMANCE LIQUID CHROMATOGRAPH	4,586
1S10 RR03383-01	YEN, ANDREW	FLUORESCENCE ACTIVATED CELL SORTER/FLOW CYTOMETER	250,000
INSTITUTION TOTAL	20	2,472,741	
CITY TOTAL	20	2,472,741	
STATE TOTAL	24	2,716,874	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL			
1R01 HL39383-01	BUNAG, RUBEN D	FAT RATS & HYPERTENSION	101,386
1R01 AI23730-01A1	FRENKEL, JACOB K	TRANSMISSION OF TOXOPLASMA IN PANAMA	166,184
1R01 DK38980-01	GRANTHAM, JARED J	CONTROL OF EPITHELIAL GROWTH IN RENAL CYSTIC DISEASE	99,118
1R01 ES04092-01A1	REED, GREGORY A	PULMONARY TOXICITY OF SULFUR DIOXIDE AND SULFITE	101,130
1R01 HD22208-01A1	SOARES, MICHAEL J	TROPHOBLAST PROLACTIN-LIKE PROTEINS	71,833
1R29 DE08153-01	TOBIASEN, JOYCE M	SCALING FACIAL IMPAIRMENT IN CLEFT LIP PATIENTS	47,827
INSTITUTION TOTAL	6	587,478	
CITY TOTAL	6	587,478	
LAWRENCE			
UNIVERSITY OF KANSAS LAWRENCE			
1S10 RR03281-01	MERTES, KRISTIN B	SINGLE CRYSTAL X-RAY DIFFRACTOMETER	200,000

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS			
LAWRENCE			
UNIVERSITY OF KANSAS LAWRENCE			
1S15 GM39147-01	MERTES, MATHIAS P	CARBON-HYDROGEN-NITROGEN ELEMENTAL ANALYZER	14,378
1R01 GM37990-01	STEWART, GEORGE C	CELL DIVISION GENE PRODUCTS OF BACILLUS SUBTILLIS	71,240
INSTITUTION TOTAL	3	285,618	
CITY TOTAL	3	285,618	
MANHATTAN			
KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE			
1R29 CA46964-01	ATLURU, DURGAPRASADARAO	ROLE OF ENDOGENOUS LEUKOTRIENE PRODUCTION IN LYMPHOCYTE	64,999
1R01 GM38932-01	ROUFA, DONALD J	SOMATIC GENETICS OF A CLONED HUMAN RIBOSOMAL PROTEIN	83,155
INSTITUTION TOTAL	2	148,154	
CITY TOTAL	2	148,154	
STATE TOTAL	11	1,021,250	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
1R03 EY07092-01	BAKER, ROBERT S	DETERMINANTS OF GROWTH OF EXTRAOCULAR MUSCLE AUTOGRAFTS	14,874
1S15 DK39391-01	GIAMMARA, BEVERLY L	LYNX AUTOMATIC SPECIMEN PROCESSOR	5,000
1S15 GM39124-01	KOSTENBAUDER, HARRY B	UV-VISIBLE SPECTROPHOTOMETER--X-RAY FILM PROCESSOR	7,341
1R01 HL40362-01	LAI-FOOK, STEPHEN J	PULMONARY INTERSTITIAL MECHANICS	79,672
1R24 RR03695-01	ROYSTER, WIMBERLY C	ANIMAL RESOURCE IMPROVEMENT PROJECT	468,630
1S15 GM39155-01	SCHLOSS, JEFFERY A	INSTRUMENTATION FOR SEPARATION & DETECTION OF MOLECULES	12,343
1R01 HD21962-01A1	VERNON, MICHAEL W	INDUCTION OF ENDOMETRIOSIS	46,868
INSTITUTION TOTAL	7	634,728	
CITY TOTAL	7	634,728	
LOUISVILLE			
UNIVERSITY OF LOUISVILLE			
1R29 HL38993-01	PORTER, JAMES P	CENTRAL NEURAL AND HUMORAL CONTROL OF RENIN RELEASE	51,834
1S15 CA46164-01	PROUGH, RUSSELL A	BECKMAN TL-100 TABLETOP ULTRACENTRIFUGE SYSTEM	15,312
INSTITUTION TOTAL	2	67,146	
CITY TOTAL	2	67,146	
STATE TOTAL	9	701,874	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
BATON ROUGE			
LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE			
1R29 NS25102-01	DANILOFF, JOANNE K	CONTRIBUTIONS OF CELL ADHESION TO NERVE REGENERATION	80,801
INSTITUTION TOTAL	1	80,801	
CITY TOTAL	1	80,801	
CARVILLE			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--PHS GILLIS W. LONG HANSEN'S DISEASE CENTER			
1R22 AI24977-01	TRUMAN, RICHARD W	ORIGIN AND RISK OF ARMADILLO LEPROSY	32,953
INSTITUTION TOTAL	1	32,953	
CITY TOTAL	1	32,953	
NEW ORLEANS			
ALTON OCHSNER MEDICAL FOUNDATION			
1S15 CA46176-01	RE, RICHARD N	BIOGUARD LAMINAR FLOW CABINET	6,180
INSTITUTION TOTAL	1	6,180	
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
1R01 HL38761-01	BURNS, ALASTAIR H	MECHANISM OF DCA-INDUCED MYOCARDIAL INOTROPISM	39,870
1S15 HL39491-01	DANIELS, ROBERT S	HPLC, AMPLIFIER, SCINTILLATION COUNTER, SIGNAL PROCESS	55,080
1R29 NS25134-01	HAYCOCK, JOHN W	CELLULAR REGULATION OF TRYOSINE HYDROXYLASE	81,856
1R03 DE08052-01	MATTHEWS, MURRAY A	IMMUNOCYTOCHEMICAL ANALYSIS OF DENTAL PAIN MODULATION	14,785
1S15 GM39157-01	MAYO, JOHN A	ANAEROBE CHAMBER & DARK-FIELD PHASE-CONTRAST MICROSCOPE	13,088
1S10 RR03360-01	MORGAN, WILLIAM T	PROTEIN SEQUENCING AND PEPTIDE SYNTHESIS FACILITY	217,000
1R01 NS25298-01	WEILL, CHERYL L	REGULATION OF NEURAL CELL ADHESION MOLECULE IN MUSCLE	55,241
INSTITUTION TOTAL	7	476,920	
LOUISIANA STATE UNIVERSITY-UNIVERSITY OF NEW ORLEANS			
1R15 NS24975-01	CORWIN, JAMES V	MECHANISMS OF RECOVERY FROM CORTICAL NEGLECT	49,709
INSTITUTION TOTAL	1	49,709	
TULANE UNIVERSITY OF LOUISIANA			
1S15 GM39158-01	COWIN, STEPHEN C	SMALL INSTRUMENTATION PROGRAM	20,310
1R24 RR03788-01	FISH, RICHARD E	ANIMAL RESOURCES DEVELOPMENT AT TULANE MEDICAL CENTER	180,154
INSTITUTION TOTAL	2	200,464	
CITY TOTAL	11	733,273	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
SHREVEPORT			
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT SHREVEPORT			
1S15 DK39377-01	WILLIAMS, DARRYL M	IMAGE ANALYSIS SYSTEM/SCANNING DENSITOMETER	15,982
INSTITUTION TOTAL	1	15,982	
CITY TOTAL	1	15,982	
STATE TOTAL	14	863,009	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
1R01 GM37821-01A1	CARLSON, GEORGE A	MITOTIC RECOMBINATION IN MAMMALIAN CELLS	118,322
1S15 CA46190-01	SANFORD, BARBARA H	BETA SCINTILLATION COUNTER AND ULTRACENTRIFUGE	45,652
1R29 CA44900-01	STONE, JAMES C	GENETIC APPROACHES TO CELL TRANSFORMATION	66,500
INSTITUTION TOTAL	3	230,474	
CITY TOTAL	3	230,474	
ORONO			
UNIVERSITY OF MAINE AT ORONO			
1S15 CA46188-01	BLAKE, RICHARD D	VERTICAL TUBE ROTOR FOR PREPARATIVE ULTRACENTRIFUGE	4,845
1R03 EY07190-01	KASS, LEONARD J	EFFERENT CONTROL OF PHOTORECEPTOR FUNCTION:V-CLAMP STUDY	15,000
INSTITUTION TOTAL	2	19,845	
CITY TOTAL	2	19,845	
STATE TOTAL	5	250,319	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1S15 AI25396-01	ANFINSEN, CHRISTIAN B	NINHYDRIN SYSTEM, INFRA-RED SPECTROMETER	49,947
1R29 HD22879-01	BUSA, WILLIAM B	REGULATION OF MORPHOGENESIS BY IONS, CAMP & INOSITIDES	87,624
1R29 HL39102-01	BUSH, TRUDY L	EPIDEMIOLOGY OF CARDIOVASCULAR DISEASES IN THE ELDERLY	56,036
1R01 EY06440-01A1	CHEN, CHUNG-HO	BIOCHEMICAL STUDIES ON OPTIMAL CORNEAL PRESERVATION	94,123
1R01 HL36298-01A1	EWART, CRAIG K	ADOLESCENT BLOOD PRESSURE VARIATION AND VENTRICULAR	168,486
1P01 CA44703-01	GLICKSON, JERRY D	IN VIVO NMR SPECTROSCOPY OF TUMOR RESPONSE	514,182
1S15 CA46212-01	GOLDBERG, ALAN M	SMALL INSTRUMENTATION	72,616
1R01 NS25275-01	KOEHLER, RAYMOND C	CEREBROVASCULAR ALTERATIONS DURING HYPERAMMONEMIA	118,171
1R01 DK38418-01	LANE, M DANIEL	INSULIN AND ADIPOSE CONVERSION	151,676

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1R03 CA45262-01	MATANOSKI, GENEVIEVE M	RECOMBINANT METHODS FOR SCREENING DNA REPAIR PROFICIENCY	21,180
1R01 CA44649-01	MAY, WILLIAM S	CHARACTERIZATION OF THE IL-3 GROWTH FACTOR RECEPTOR	96,486
1R29 AR38489-01	MC AFEE, PAUL C	HISTOMORPHOMETRIC ANALYSIS OF SPINAL STABILIZATION	64,472
1S10 RR03518-01	MILDVAN, ALBERT S	500 MHZ NMR SPECTROMETER FOR BIOCHEMICAL STUDIES	300,000
1R01 GM38927-01	ROSEMAN, SAUL	MOLECULAR MECHANISMS OF SPECIFIC INTERCELLULAR ADHESION	109,249
1S15 AI25416-01	ROSS, RICHARD S	BECKMAN AND LKB INTRUMENTS	97,147
1R01 CA44962-01	SHAH, KEERTI V	ROLE OF POLYOMAVIRUSES IN HUMAN MALIGNANCIES	92,628
1P01 CA44530-01	TALALAY, PAUL	NOVEL STRATEGIES FOR CHEMOPROTECTION AGAINST CANCER	299,633
1R01 HL36765-01A1	TRAYSTMAN, RICHARD J	COLLATERAL MECHANICS: EFFECT OF AGE & LUNG DYSFUNCTION	119,966
1R01 CA44783-01	VOGELSANG, GEORGIA B	THALIDOMIDE FOR TREATMENT OF GRAFT-VERSUS-HOST DISEASE	78,053
1R01 HD22275-01A1	WEISMAN, CAROL S	ADOLESCENT WOMEN'S CONTRACEPTIVE DECISION MAKING	149,410
INSTITUTION TOTAL	20	2,741,085	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS			
1R01 NS25296-01	ALBUQUERQUE, EDSON X	ANATOXIN AND ITS ANALOGUES AS NEUROTRANSMITTERS	151,190
1S10 RR03238-01	BUCCI, ENRICO	CIRCULAR DICHROISM SPECTROPOLARIMETER	71,000
1R01 NR01399-01A1	CAHILL, CHERYL A	PSYCHOBIOLOGICAL CORRELATES OF PERIMENSTRUAL SYMPTOMS	95,070
1R01 CA45483-01	EDDY, HUBERT A	BRAIN TOLERANCE TO INTERSTITIAL HEAT & IRRADIATION	129,758
1R29 NS24688-01	MOKHTARIAN, FOROOZAN	VIRUS-INDUCED AUTOIMMUNE MEDIATED ENCEPHALOMYELITIS	65,290
1S10 RR03388-01	ORDONEZ, JOSE V	UPGRADED CYTOMETRY INSTRUMENTS	203,000
INSTITUTION TOTAL	6	715,308	
CITY TOTAL	26	3,456,393	
BETHESDA			
AMERICAN PHYSIOLOGICAL SOCIETY			
1R13 DK39306-01	FRANK, MARTIN	CONFERENCE FELLOWSHIP FOR MINORITY PHYSIOLOGISTS	25,000
INSTITUTION TOTAL	1	25,000	
AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS			
1R13 CA45370-01	FURCHT, LEO T	FASEB CONFERENCES: MOLECULAR ASPECTS OF METASTASIS	7,000
INSTITUTION TOTAL	1	7,000	
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY			
1R13 EY07137-01	APPLEBURY, MEREDITHE L	1987 FASEB CONFERENCE: BIOLOGY & CHEMISTRY OF VISION	23,510
1R13 CA45276-01	BOWDEN, GEORGE T	FASEB SUMMER RESEARCH CONFERENCE	10,000
1R13 DK38852-01	BRAY, GEORGE A	REGULATION OF ENERGY BALANCE	6,000
1R13 GM38646-01	HOUSMAN, DAVID E	SOMATIC CELL GENETICS	6,000

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
BETHESDA			
FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY			
1R13 DK38876-01	JOHNSON, LEONARD R	GI ADAPTATION AND GROWTH	14,000
1R13 CA47066-01	KUO, JYH-FA	FASEB SUMMER RESEARCH CONFERENCE--PROTEIN KINASES	5,000
1R13 AI24618-01	LYNCH, RICHARD G	FASEB SUMMER RESEARCH CONFERENCE ON FC RECEPTORS	3,000
1R13 AI25121-01	SMITH, GERALD R	FASEB CONFERENCE/GENETIC RECOMBINATION	2,000
1R13 AI24882-01	TERHORST, CORNELIS P	FASEB SUMMER RESEARCH CONFERENCE--LYMPHOCYTES/ANTIBODIES	7,500
INSTITUTION TOTAL	9	77,010	
INTERNATIONAL SOCIETY FOR EXPERIMENTAL HEMATOLOGY			
1R13 HL39131-01	BAUM, SIEGMUND J	DIRECTIONS IN BONE MARROW TRANSPLANTATION	23,750
INSTITUTION TOTAL	1	23,750	
CITY TOTAL	12	132,760	
CATONSVILLE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND BALTIMORE COUNTY CAMPUS			
1R01 GM38155-01	POLLACK, RALPH M	SITE-DIRECTED MUTAGENESIS IN 3-OXO-DELTA 5-STEROID	100,688
1S15 GM39112-01	PORTER, KEITH R	DIODE ARRAY HPLC DETECTOR SYSTEM/AUTOMATIC CO2 INJECTION	17,831
INSTITUTION TOTAL	2	118,519	
CITY TOTAL	2	118,519	
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1R01 NS24992-01	BRAUTH, STEVEN E	COMPARATIVE NEUROETHOLOGY OF MOTOR SYSTEMS	37,790
1S15 GM39153-01	BRUSILOW, WILLIAM S	ULTRACENTRIFUGE & VERTICAL ROTOR	26,503
INSTITUTION TOTAL	2	64,293	
CITY TOTAL	2	64,293	
ROCKVILLE			
AMERICAN TYPE CULTURE COLLECTION--BIORESOURCES LABORATORIES, INC.			
1R43 AI24829-01	MAGLOTT, DONNA R	ONLINE DIRECTORY OF IMMUNOCLONES AND THEIR PRODUCTS	34,881
INSTITUTION TOTAL	1	34,881	
CITY TOTAL	1	34,881	
SILVER SPRING			
INFRARED FIBER SYSTEMS, INC.			
1R43 HL39466-01	TRAN, DANH C	FLOURIDE GLASS FIBER FOR INFRARED LASER POWER	29,377

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	29,377	
MARYLAND			
SILVER SPRING			
KBL GROUP, INC.			
1R43 CA42652-01	LEVITAN, KAREN B	NUTRITION INFORMATION SYSTEM FOR CONSUMER EDUCATION	33,071
INSTITUTION TOTAL	1	33,071	
MEDICAL MICROWAVE RESEARCH CORPORATION			
1R43 HL37198-01A1	LARSEN, LAWRENCE E	SENSORS FOR CONTROL/MONITORING OF THERAPEUTIC DEEP HEAT	36,900
INSTITUTION TOTAL	1	36,900	
CITY TOTAL	3	99,348	
STATE TOTAL	46	3,906,194	
MASSACHUSETTS			
AMHERST			
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1R01 AI24869-01	LESSIE, THOMAS G	REGULATION OF EXOPOLYMER SYNTHESIS--PSEUDOMONAS CEPACIA	40,945
1S15 AI25418-01	WOODCOCK, CHRISTOPHER L	VACUUM EVAPORATOR	28,612
INSTITUTION TOTAL	2	69,557	
CITY TOTAL	2	69,557	
BEDFORD			
ESA, INC.			
1R43 DK38805-01	MATSON, WAYNE R	MULTI-PARAMETER METABOLIC PATTERN INFECTION DIAGNOSIS	29,769
INSTITUTION TOTAL	1	29,769	
CITY TOTAL	1	29,769	
BELMONT			
MC LEAN HOSPITAL			
1R01 NS25830-01	BENOWITZ, LARRY I	GAP/B50: MOLECULAR MARKER NEURONAL GROWTH	138,347
INSTITUTION TOTAL	1	138,347	
CITY TOTAL	1	138,347	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BILLERICA			
AERODYNE PRODUCTS CORPORATION			
1R43 CA42657-01	MC KAUGHAN, STEPHEN	USE OF VIDEO-DISK TECH FOR INTERACTIVE STEREO DISPAYS	33,831
INSTITUTION TOTAL	1	33,831	
CABBRIDGE MEDICAL DIAGNOSTICS			
1R43 DK37738-01	VARANELLI, CAROL	NOVEL CYTOCHEMICAL BIOASSAY FOR PARATHYROID HORMONE	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	2	83,831	
BOSTON			
BETH ISRAEL HOSPITAL			
1R29 HL39091-01	GWATHMEY, JUDITH K	PATHOPHYSIOLOGY OF CARDIOMYOPATHY IN ANIMALS AND MAN	88,015
1S15 HL39504-01	RABKIN, MITCHELL T	DIODE-ARRAY LC SPECTROMETER DETECTION SYSTEM	56,797
1R29 AI25126-01	SHAPIRO, MICHAEL E	TRANSPLANT ALLOIMMUNITY GENERATED BY VIRAL INFECTION	69,143
INSTITUTION TOTAL	3	213,955	
BOSTON BIOMEDICAL RESEARCH INSTITUTE			
1S15 GM39137-01	PAULUS, HENRY P	DNA SYNTHESIZER, FPLC SYSTEM, & SCANNING	37,289
INSTITUTION TOTAL	1	37,289	
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
1R24 RR03763-01	CONNER, MICHAEL W	ANIMAL RESOURCE IMPROVEMENT AT BOSTON CITY HOSPITAL	159,819
1R01 GM39608-01	KHACHATRIAN, LEILI	ADENYLATE CYCLASE REGULATION IN DICTYOSTELLIUM DISCOID	79,535
1S15 AI25386-01	LEVIN, ROBERT M	HIGH PERFORMANCE LIQUID CHROMATOGRAPHY BIOSEPARATION	14,532
1P01 AI24760-01	RICE, PETER A	CLINICAL AND LABORATORY STUDIES OF PID	365,891
1S15 CA46175-01	ROGERS, ADRIANNE E	90 C UPRIGHT FREEZER, COMPUTERIZED BALANCE, HPLD	14,292
INSTITUTION TOTAL	5	634,069	
BOSTON UNIVERSITY			
1R01 NS24760-01	BARBAS, HELEN	ANATOMY OF LIMBIC PREFRONTAL CORTEX	67,478
1R29 NS25267-01	KOEHNKE, JANET D	CLINICAL APPLICATIONS OF BINAURAL HEARING	75,964
1R01 AG06380-01A1	KOTLIKOFF, LAURENCE J	LIFE INSURANCE OF AMERICAN FAMILY: ADEQUACY/DETERMINANTS	69,074
1R01 NS25827-01	LIEDERMAN, JACQUELINE	DEVELOPMENT OF HEMISPHERIC COOPERATION	44,663
1R01 HL39267-01	RUIZ-OPAZO, NELSON	ANALYSIS OF 3 CARDIAC NA,K- TPASE A-SUBUNIT ISOFORMS	40,826
1S15 CA46218-01	SCOTCH, NORMAN A	SCANNING DIODE ARRAY HPLC DETECTOR/SCANNING FLUORESCENCE	25,096
1S15 HL39516-01	TAMARIN, ROBERT H	CRYOSTAT, COMPUTER, & SCANNING SPECTROPHOTOMETER	28,280
1R01 NS22173-01A1	VOIGT, HERBERT F	NEURAL CORRELATIONS IN THE DORSAL COCHLEAR NUCLEUS	102,644
INSTITUTION TOTAL	8	454,025	

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NIH
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1R01 AI25022-01	ABBAS, ABUL K	FUNCTION AND ACTIVATION OF HELPER T LYMPHOCYTES	116,969
1S15 DK39379-01	AUSTEN, K FRANK	BRIGHAM AND WOMEN'S HOSPITAL EQUIPMENT	89,480
1R01 HL36348-01A1	CREAGER, MARK A	SODIUM'S EFFECT ON BAROREFLEX FUNCTION IN MAN	111,395
1R01 LM04572-01	GREENES, ROBERT A	INVESTIGATION IN KNOWLEDGE MANAGEMENT	314,347
1R01 NS24247-01A1	HAFLER, DAVID A	T CELLS IN THE CSF OF MULTIPLE SCLEROSIS PATIENTS	77,960
1R01 DK37605-01A1	HEBERT, STEVEN C	POTASSIUM TRANSPORT AND ADAPTATION IN THE NEPHRON	69,159
1R35 CA47006-01	KIEFF, ELLIOTT D	MOLECULAR BIOLOGY OF EPSTEIN-BARR VIRUS INFECTION	605,690
1R01 AR38782-01	KUSHMERICK, MARTIN J	CIRCULATORY AND METABOLIC ADAPTATIONS IN ISCHEMIC LIMBS	121,439
1R01 CA46737-01	MORTON, CYNTHIA C	CHARACTERIZATION OF MYLELOID-C CELL MULIGENE FAMILY	104,948
1R01 AI23335-01A1	PIER, GERALD B	ADHESINS OF COAGULASE-NEGATIVE STAPHYLOCOCCI	80,782
1R29 GM38765-01	SERHAN, CHARLES N	BLOOD CELL LIPOXYGENASE PRODUCTS: FORMATION & ACTION	57,161
INSTITUTION TOTAL	11	1,749,330	
CENTER FOR BLOOD RESEARCH			
1S15 CA46168-01	ALPER, CHESTER A	CRYOSTAT--ULTRACENTRIFUGE ROTOR	25,263
1R43 HL39335-01	BING, DAVID H	PURE FACTOR IX FOR TREATMENT OF HEMOPHILIA B	50,000
1R43 HL39338-01	BING, DAVID H	BLOOD BANK IMMUNODIAGNOSTICS FOR PLATELET PROTEINS	42,500
1R01 GM37298-01A1	REMOLD-O'DONNELL, EILEEN	LYMPHOCYTE GPL115--STRUCTURE-FUNCTION-DEFECT	118,930
INSTITUTION TOTAL	4	236,693	
CHILDREN'S HOSPITAL			
1R01 DK38874-01	HARRIS, H W	IDENTIFICATION OF ADH WATER CHANNELS IN TIGHT EPITHELIA	88,744
1R01 AR38349-01	HAUSCHKA, PETER V	OSTEOINDUCTION AND THE BIOLOGY OF BONE GROWTH FACTORS	137,578
1R29 AR38949-01	LEE, DOSUK D	CHARACTERIZATION OF INORGANIC BONE MINERAL PHASES	63,351
1R01 NS25216-01	MOWER, GEORGE D	ENVIRONMENTAL CONTROL OF CORTICAL PLASTICITY	114,162
1R01 CA44573-01	PACKARD, ALAN B	DEVELOPMENT OF A 191-OS:191M-IR RADIONUCLIDE GENERATOR	58,425
1S15 AR39047-01	ROSEN, FRED S	CHILDREN'S HOSPITAL INSTRUMENTATION REQUEST	82,312
INSTITUTION TOTAL	6	544,572	
DANA-FARBER CANCER INSTITUTE			
1R29 GM38156-01	ARCECI, ROBERT J	LINEAGE COMMITMENT OF T-LYMPHOCYTES DURING DEVELOPMENT	60,522
1S15 CA46171-01	BENACERRAF, BARUJ	NMR SPECTROMETER, ULTRACENTRIFUGE, SCINTILLATION COUNTER	80,478
1R29 CA45285-01	PALLAS, DAVID C	ROLE OF CELLULAR PROTEINS IN POLYOMA TRANSFORMATION	59,931
1R01 AI24996-01	SIBER, GEORGE R	DIVERSITY OF HUMAN ANTIBODY TO H. INFLUENZAE B CAPSULE	96,477
INSTITUTION TOTAL	4	297,408	
FORSYTH DENTAL CENTER			
1R24 RR03734-01	JORDAN, HAROLD V	REPLACEMENT OF CAGE WASHING AND SANITIZING EQUIPMENT	34,541
INSTITUTION TOTAL	1	34,541	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
HARVARD UNIVERSITY			
1R01 HD20140-01A1	BEGG, DAVID A	REGULATION OF FERTILIZATION AND EARLY EMBRYOGENESIS	86,635
1S15 CA46223-01	BISWAS, DEBAJIT K	LIQUID SCINTILLATION SYSTEM	10,794
1S15 CA46158-01	BLOUT, ELKAN R	DNA SYNTHESIZER DENSITOMETER STORAGE OCILLOSCOPE	66,987
1S10 RR03435-01	BRAIN, JOSEPH D	ANALYTICAL TRANSMISSION ELECTRON MICROSCOPE ZEISS EM 902	261,000
1R01 GM38556-01	BURKE, BRIAN E	NUCLEAR ENVELOPE DURING MITOSIS	96,844
1R29 DK38394-01	DIAMOND, JONATHAN R	MESANGIAL PROLIFERATION IN PROGRESSIVE GLOMERULOPATHY	42,975
1R29 NS25078-01	HOGAN, PATRICK G	PHYSIOLOGICAL ACTIONS OF BRADYKININ ON SENSORY	92,431
1R29 AI25108-01	LI, YEN	MOLECULAR GENETICS OF SIMIAN IMMUNODEFICIENCY VIRUS	76,147
1S10 RR03301-01	MC NEIL, PAUL L	MACROSCOPIC/MICROSCOPIC SPECTROFLUORIMETER	146,000
1R29 DK38389-01	STORCH, JUDITH	FATTY ACID ASSIMILATION IN THE INTESTINE	75,392
1R01 AR38018-01	SY, MAN-SUN	T CELL ABNORMALITIES IN AUTOIMMUNE MRL/1PR MICE	84,601
1P01 HL38070-01	VATNER, STEPHEN F	MYOCARDIAL HYPERTROPHY AND HEART FAILURE	734,299
1R03 EY07331-01	WALSH, CHRISTOPHER	TRANSFER OF GROWTH-RELATED GENES INTO DEVELOPING RETINA	15,000
1R29 HL38402-01	YOUNG, MARK A	CONTROL OF ILIAC ARTERY VASOACTIVITY	58,761
INSTITUTION TOTAL	14	1,847,866	
JOSLIN DIABETES CENTER			
1R01 DK38423-01	EDGE, ALBERT S	CARBOHYDRATE OF THE INSULIN RECEPTOR	60,003
1S15 DK39395-01	KAHN, C RONALD	EAGLE STERILIZER	29,934
1R01 DK39233-01	SOELDNER, JOHN S	PATHOGENESIS OF IDDM: THE EARLIEST LESION	187,759
1R29 DK38712-01	WHITE, MORRIS F	INSULIN RECEPTOR REGULATION BY MULTISITE PHOSPHORYLATION	65,100
INSTITUTION TOTAL	4	342,796	
MASSACHUSETTS GENERAL HOSPITAL			
1S10 RR03264-01	ACKERMAN, JEROME L	400MHZ NMR SPECTROMETER	300,000
1P01 DK38452-01	AUSIELLO, DENNIS A	CELLULAR BIOLOGY OF RENAL FUNCTION AND DISEASE	856,938
1R29 CA45587-01	BYERS, HUGH R	PATHOLOGY AND MECHANISM OF MELANOMA CELL MIGRATION	71,109
1R01 AG06865-01	GROWDON, JOHN H	GENETIC STUDIES OF ALZHEIMER'S DISEASE	182,741
1R01 HL36829-01A1	HALES, CHARLES A	PULMONARY EDEMA FROM SYNTHETIC SMOKE INHALATION	111,887
1R01 HL39150-01	HALES, CHARLES A	HEPARIN ON HYPOXIC PULMONARY HYPERTENSION AND REMODELING	92,988
1R29 AR38910-01	JANMEY, PAUL A	REVERSIBLE FORMATION AND STRUCTURE OF ACTIN NETWORKS	59,574
1S15 DK39403-01	LAMONT-HAVERS, RONALD W	CELL IRRADIATOR, DNA SYTHESIZER, SCINTILLATION ANALYZER	86,763
1R29 NS24821-01	LANIER, STEPHEN M	STRUCTURAL ANALYSIS OF THE ALPHA2-ADRENERGIC RECEPTOR	64,907
1R01 HL37882-01A1	LEAF, ALEXANDER	N-3 FATTY ACIDS AND RESTENOSIS POST CORONARY ANGIOPLASTY	92,430
1R29 HL38176-01	LEVINE, ROBERT A	MECHANISM OF VENTRICULAR OUTFLOW OBSTRUCTION IN IHSS	67,501
1R01 NS24003-01A1	MACIEWICZ, RAYMOND J	BRAINSTEM NEURON ACTIVITY IN A MODEL OF OROFACIAL PAIN	90,762
1R29 CA45658-01	PASTERNACK, MARK S	ANALYSIS OF CYTOTOXIC T LYMPHOCYTE SERINE ESTERASE	70,658
1R29 DK38401-01	SUNDAY, MARY E	GASTRIN-RELEASING PEPTIDE GENE EXPRESSION	61,380
1R01 HL36271-01A1	SWEADNER, KATHLEEN J	ISOZYMES OF THE NA, K-ATPASE: MONOCLONAL ANTIBODY PROBES	91,745
INSTITUTION TOTAL	15	2,301,383	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
NEW ENGLAND DEACONESS HOSPITAL			
1R29 CA44940-01	CALDERWOOD, STUART K	ROLE OF CALCIUM IN CELLULAR RESPONSES TO HYPERTHERMIA	56,700
1R01 HL39392-01	ISTFAN, NAWFAL W	DIET-INDUCED HYPERINSULINEMIA IN OBESE HYPERTENSION	98,824
1S15 AI25404-01	PENCE, ROBERT D	SMALL INSTRUMENTATION PROGRAM	24,876
1P01 CA44704-01	STEELE, GLENN D, JR	PATHOBIOLOGY OF COLORECTAL CANCER	899,980
INSTITUTION TOTAL	4	1,080,380	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1R01 CA44174-01A1	ANDROPHY, ELLIOT J	CHARACTERIZATION OF PAPILLOMAVIRUS E6 PROTEINS	109,746
1S15 DK39385-01	FURIE, BRUCE	NIH SMALL INSTRUMENTATION PROGRAM	52,432
1R29 LM04659-01	SENYK, OKSANA	PHYSIOLOGIC KNOWLEDGE--ARTIFICIAL INTELLIGENCE TOOLS	45,030
1R13 AI24950-01	WOLFF, SHELDON M	INTERNATIONAL SYMPOSIUM ON TOXIC SHOCK SYNDROME	1,000
1R01 CA43133-01A1	ZAHNISER, DAVID J	CONTEXT INFORMATION IN AUTOMATED CERVICAL SMEAR ANALYSIS	125,773
INSTITUTION TOTAL	5	333,981	
NORTHEASTERN UNIVERSITY			
1S15 DK39423-01	FINE, SAMUEL	GAMMA COUNTER, SPECTROSCOPY PHOTODIODE ARRAY	12,628
1S15 CA46239-01	HANSON, ROBERT N	WATERS 712 WISP AUTOINJECTOR FOR HPLC	6,166
INSTITUTION TOTAL	2	18,794	
ST. ELIZABETH'S HOSPITAL OF BOSTON			
1S15 DK39375-01	COHEN, CARL M	SORVALL RC3B CENTRIFUGE	12,293
INSTITUTION TOTAL	1	12,293	
TUFTS UNIVERSITY			
1R03 DE07941-01A1	KUGEL, GERARD	NITROUS OXIDE AND HYPOTHALAMIC CONTROL OF REPRODUCTION	15,000
1S15 CA46172-01	LEAV, IRWIN	SAVANT EVAPORATOR, FOTO UV DNA TRANSILLUMINATOR, LAB	15,896
1R01 HL39326-01	SCHAEFER, ERNST J	EFFECTS OF DIETARY FATS ON LIPOPROTEIN METABOLISM	132,712
1S15 CA46205-01	STOLLAR, BERNARD D	ULTRACENTRIFUGE AND 2 ROTORS, HIGH SPEED CENTRIFUGE	79,831
INSTITUTION TOTAL	4	243,439	
UNIVERSITY HOSPITAL			
1S15 AI25397-01	COFFMAN, JAY D	FLUORESCENCE SPECTROPHOTOMETER ULTRACENTRIFUGE	25,792
INSTITUTION TOTAL	1	25,792	
UNIVERSITY OF MASSACHUSETTS AT BOSTON			
1S15 AI25415-01	SAFWAT, FUAD M	BENCH TOP LIQUID SCINTILLATION COUNTER	6,947
INSTITUTION TOTAL	1	6,947	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	94	10,415,553	
MASSACHUSETTS			
BURLINGTON			
MICROWAVE MEDICAL SYSTEMS, INC.			
1R43 HL38564-01	GRABOWY, RICHARD S	MICROWAVE DEVICE FOR BLOOD WARMING/TEMPERATURE CONTROL	37,935
INSTITUTION TOTAL	1	37,935	
CITY TOTAL	1	37,935	
CAMBRIDGE			
BIOGEN RESEARCH CORPORATION			
1R43 AI24990-01	FLAVELL, RICHARD A	SOLUBLE MHC MOLECULES TO INDUCE ALLOGRAFT TOLERANCE	50,000
INSTITUTION TOTAL	1	50,000	
HARVARD UNIVERSITY			
1R01 AG06441-01	HAREVEN, TAMARA K	AGING & THE LIFE COURSE: SOCIAL CHANGE AND GENERATIONS	68,053
1S10 RR03251-01	STROMINGER, JACK L	MICROCHEMICAL FACILITY	43,000
1R01 HD22758-01	WILLIAMSON, JEFFREY G	FERTILITY, MIGRATION, MORTALITY AND LABOR MARKETS	22,600
INSTITUTION TOTAL	3	133,653	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1R01 CA43066-01	ESSIGMANN, JOHN M	EXTRACHROMOSOMAL PROBES FOR MUTAGENESIS	98,585
1R01 CA45480-01	PENMAN, SHELDON	NUCLEAR PROTEINS SPECIFIC TO CELL TYPE AND MALIGNANCY	105,304
1R01 HL38798-01	ROSENBERG, ROBERT D	THROMBOMODULIN--A NATURAL ANTICOAGULANT MECHANISM	103,503
1R01 GM38192-01	SIGNER, ETHAN R	DEGRADATIVE ENZYMES IN RHIZABIAL NODULATION	67,675
1S15 GM39115-01	SMITH, KENNETH A	APPLIED BIOSYSTEMS 380B DNA SYNTHESIZER/FT-IR INSTRUMENT	85,082
1R13 AI25006-01	TORRIANI-GORINI, ANNAMARIA	SYMPOSIUM ON GENE EXPRESSION AND REGULATION	1,000
1R29 CA45272-01	YARMUSH, MARTIN L	STRUCTURE AND DYNAMICS OF IMMUNE COMPLEXES	73,590
INSTITUTION TOTAL	7	534,739	
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1S15 GM39118-01	BALTIMORE, DAVID	PHOTO INVERTOMICROSCOPE TV CAMERA SET	32,412
1R35 CA44339-01	JAENISCH, RUDOLF	RETROVIRUSES, ONCOGENES & MAMMALIAN DEVELOPMENT	200,943
1R29 HD22857-01	RIO, DONALD C	REGULATION OF GENE EXPRESSION DURING ANIMAL DEVELOPMENT	45,351
INSTITUTION TOTAL	3	278,706	
CITY TOTAL	14	997,098	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
MARBLEHEAD			
LIPID SPECIALTIES, INC.			
1R43 HL38592-01	SEARS, BARRY D	NEW THERAPRUTIC AGENTS TO REDUCE TRIGLYCERIDE LEVELS	40,465
INSTITUTION TOTAL	1	40,465	
CITY TOTAL	1	40,465	
MEDFORD			
TUFTS UNIVERSITY			
1S15 GM39149-01	SAMPSON, PHILIP B	SCINTILLATION COUNTER, EVAPORATOR, WAVELENGTH DETECT	22,445
INSTITUTION TOTAL	1	22,445	
CITY TOTAL	1	22,445	
NORTHAMPTON			
SMITH COLLEGE			
1R15 NS24959-01	DE VILLIERS, JILL G	LANGUAGE ACQUISITION IN YOUNG ORAL DEAF CHILDREN	36,315
INSTITUTION TOTAL	1	36,315	
CITY TOTAL	1	36,315	
NORWOOD			
EIC LABORATORIES, INC.			
1R43 NS25341-01	FOOS, JOSEPH S	MICROELECTRODE MODIFICATION FOR VOLTAMMETRIC ANALYSIS	21,408
INSTITUTION TOTAL	1	21,408	
CITY TOTAL	1	21,408	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.			
1S15 DK39412-01	PEDERSON, THORU	AUTOMATED SEMEN ANALYZER SYSTEM & ULTRACENTRIFUGE ROTOR	53,586
INSTITUTION TOTAL	1	53,586	
CITY TOTAL	1	53,586	
WALTHAM			
BRANDEIS UNIVERSITY			
1R29 AG07179-01	CHATTERS, LINDA M	SUBJECTIVE WELL-BEING OF OLDER BLACKS	54,052
1R01 EY07103-01	HAYES, KENNETH C	NUTRITIONAL FACTORS IN RETINAL FUNCTION	48,539

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WALTHAM			
BRANDEIS UNIVERSITY			
1S10 RR03413-01	HERZFELD, JUDITH	PURCHASE OF AN FTIR SPECTROMETER	121,000
1R29 GM38925-01	SEN, RANJAN	FACTORS REGULATING IG GENE EXPRESSION IN B-CELLS	64,727
1R01 HD23172-01	SONENSTEIN, FREYA L	DETERMINANTS OF CONTRACEPTIVE USE IN ADOLESCENT MALES	296,131
INSTITUTION TOTAL	5	584,449	
EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION			
1R01 NS24405-01A1	JUNGALWALA, FIROZE B	NEUROBIOLOGY OF SULFATED GLUCURONYL GLYCOCONJUGATE	114,036
1S10 RR03343-01	WILLIAMS, ROGER S	RESEARCH COMPUTER SYSTEM	228,000
INSTITUTION TOTAL	2	342,036	
FOSTER-MILLER, INC.			
1R43 CA41913-01A1	GOLD, HARRIS	CONTINUOUS FLOW SYSTEM FOR HYBRIDOMA MICROENCAPSULATION	23,230
INSTITUTION TOTAL	1	23,230	
CITY TOTAL	8	949,715	
WATERTOWN			
RADIATION MONITORING DEVICES, INC.			
1R43 HL38561-01	ENTINE, GERALD	INTRAOPERATIVE, REGIONAL MYOCARDIAL BLOOD FLOW MONITOR	22,680
INSTITUTION TOTAL	1	22,680	
CITY TOTAL	1	22,680	
WELLESLEY			
WELLESLEY COLLEGE			
1R01 CA45135-01	BLAZAR, BEVERLY A	AUTOCRINE STIMULATION AND B LYMPHOCYTE IMMORTALIZATION	85,293
INSTITUTION TOTAL	1	85,293	
CITY TOTAL	1	85,293	
WOBURN			
BIOTEK, INC.			
1R43 DE08265-01	NUWAYSER, ELIE S	SUSTAINED RELEASE FLUORIDE DENTIFRICE	20,959
INSTITUTION TOTAL	1	20,959	
COVALENT ASSOCIATES, INC.			
1R43 GM38977-01	LANGMUIR, MARGARET E	CYTOSOLIC CA2+ IONOPHORES FOR FLUORESCENCE & 19F NMR	30,270

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WOBURN			
COVALENT ASSOCIATES, INC.			
1R43 GM38982-01	LANGMUIR, MARGARET E	SYNTHESIS OF NEW FLUOROPHORES FOR CYTOSOLIC GLUTATHIONE	30,182
INSTITUTION TOTAL	2	60,452	
CITY TOTAL	3	81,411	
WOODS HOLE			
SOCIETY OF GENERAL PHYSIOLOGISTS			
1R13 HL38400-01	GUNN, ROBERT B	CELL PHYSIOLOGY OF BLOOD	18,116
INSTITUTION TOTAL	1	18,116	
CITY TOTAL	1	18,116	
WORCESTER			
E G & G, INC.--MASON RESEARCH INSTITUTE			
1R01 HL40073-01	MOYER, CAROLYN F	VASCULAR SMOOTH MUSCLE: INITIATORS OF AUTOIMMUNE VASCULI	59,654
INSTITUTION TOTAL	1	59,654	
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1R29 NS25151-01	BOYD, NORMAN D	REGULATION OF NEURAL ACETYLCHOLINE RECEPTORS	61,545
1S15 DK39404-01	GRIGG, PETER	SMALL INSTRUMENTATION PROGRAM	76,489
1R01 GM38642-01	JACOBSON, ALLAN S	POST-TRANSCRIPTIONAL REGULATION OF R-PROTEIN SYNTHESIS	85,835
1R29 CA45545-01	KARELLAS, ANDREW	NEW FIBEROPTIC SCREENS AND FILTRATION FOR X-RAY IMAGING	82,744
1R01 CA42165-01A2	KING, MICHAEL A	DIGITAL RESTORATION AND QUANTITATION OF SPECT IMAGES	174,479
1R01 AI24303-01	PARKER, DAVID C	B LYMPHOCYTE ACTIVATION	135,961
INSTITUTION TOTAL	6	617,053	
WORCESTER POLYTECHNIC INSTITUTE			
1R29 GM37939-01	DITTAMI, JAMES P	APPROACHES TO GELSEMIUM ALKALOIDS: SYNTHESIS OF KOUMINE	64,902
1R01 CA46958-01	MOORE, STEPHEN C	IMPROVED SPATIAL AND ENERGY RESOLUTION FOR SPECT	268,215
INSTITUTION TOTAL	2	333,117	
CITY TOTAL	9	1,009,824	
STATE TOTAL	143	14,113,348	
MICHIGAN			
ANN ARBOR			
BIOQUANT OF ANN ARBOR, INC.			
1R43 HD22316-01A1	SCHRAMM, WILLFRIED	COLORIMETRIC MEASUREMENT OF MILK PROGESTERONE	49,838

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
BIOQUANT OF ANN ARBOR, INC.			
1R43 HD22371-01A1	SCHRAMM, WILLFRIED	SOLID-PHASE ASSAY FOR SALIVA	46,725
INSTITUTION TOTAL 2		96,563	
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1S10 RR03460-01	ALTSCHULER, RICHARD A	VIDEO ACQUISITION, ENHANCEMENT AND ANALYSIS SYSTEM	100,000
1R01 HL39106-01	BOHR, DAVID F	MEMBRANE PERMEABILITY & THE CNS IN DOCA HYPERTENSION	28,960
1R29 ES04424-01	CARUSO, RITA L	CELL-CELL COMMUNICATION IN MYOMETRIAL CULTURES	65,373
1R01 NS25171-01	D'ALECY, LOUIS G	BRAIN RESUSCITATION IN CPR--METABOLIC ASPECTS	49,188
1R01 HL39415-01	DIXIT, VISHVA M	ROLE OF ENDOTHELIAL CELL PROTEINS IN DEVELOPMENTAL HEMOS	94,455
1R01 HL39037-01	DIXIT, VISHVA M	STRUCTURE & REGULATION OF HUMAN PLATELET THROMBOSPONDIN	100,605
1R01 DK37011-01A1	DREWNOWSKI, ADAM	TASTE RELATED BEHAVIORS & METABOLIC STATUS IN MAN	83,072
1R01 DE08039-01	EKLUND, STEPHEN A	DENTAL FLUOROSIS IN CHILDREN AND ADULTS	47,707
1R29 HD23378-01	GELMAN, SUSAN A	ORGANIZATION OF KNOWLEDGE BY YOUNG CHILDREN	42,225
1R01 HL39137-01	GINSBURG, DAVID	HUMAN PLASMINOGEN ACTIVATOR-INHIBITOR PAI-1 GENE	61,785
1R29 NS25153-01	GOLDMAN, DANIEL J	REGULATION OF ACETYLCHOLINE RECEPTOR EXPRESSION	71,564
1R01 DE07987-01	HANKS, CARL T	IN VITRO BIOCOMPATIBILITY: COMPOSITE RESINS AND BACTERIA	112,431
1R01 EY07060-01	HITCHCOCK, PETER F	RETINAL DEVELOPMENT--DENDRITIC GROWTH SYNAPSE	48,312
1R01 HL34844-01A1	JULIUS, STEVO	CONSEQUENCES OF REPEATED NEUROGENIC PRESSOR EPISODES	99,116
1R03 DE08109-01	KIM, SUN-KEE	QUANTITATION OF AMYLASE MRNA BY CDNA HYBRIDIZATION	14,982
1R01 HL35276-01A2	KUNKEL, STEVEN L	MONOCYTE/MACROPHAGE SIGNALS IN LUNG GRANULOMA	79,015
1R01 HL39099-01	KURACHI, KOTOKU	DEVELOPMENTAL REGULATION OF FACTOR IX	94,065
1R01 HL36574-01A1	LEVY, ROBERT J	STRUCTURAL COMPONENTS IN BIOPROSTHETIC VALVE	139,529
1R37 AG06643-01A1	LIANG, JERSEY	WELL-BEING AMONG THE AMERICAN AND JAPANESE ELDERLY	145,568
1P30 EY07003-01	LICHTER, PAUL R	CORE GRANT FOR VISION RESEARCH	197,529
1S15 ES04502-01	OSBORN, JUNE E	DUAL WAVELENGTH SCANNING SPECTROPHOTOMETER	11,970
1R01 LM04677-01	PAO, MIRANDA L	SEMANTIC & PRAGMATIC RETRIEVAL OF INFORMATION	28,118
1S15 GM39123-01	PAUL, ARA G	MODEL CU DATA REDUCTION SYSTEM	5,184
1R29 GM38827-01	ROBINSON, JOSEPH P	LEUKOCYTE DEFECTS ASSOCIATED WITH THERMAL INJURY	62,384
1R29 GM38970-01	SHAPIRO, DAVID N	RECEPTOR INDUCED ACTIVATION IN LYMPHOID CELLS	33,337
1S10 RR03380-01	THOMAS, DAVID W	NO FLOW CYTOMETER	151,000
INSTITUTION TOTAL 26		1,967,474	
CITY TOTAL 28		2,064,037	
DETROIT			
AMERICAN NATIONAL RED CROSS-SOUTHEAST MICHIGAN REGION BLOOD SERVICE			
1R29 HL38779-01	BOCK, PAUL E	FACTOR VA INTERACTIONS REGULATING PROTHROMBIN ACTIVATION	44,700
INSTITUTION TOTAL 1		44,700	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
DETROIT			
HENRY FORD HOSPITAL			
1S15 HL39513-01	SHORE, JOSEPH D	FAST PROTEIN LIQUID CHROMATOGRAPHY	18,925
INSTITUTION TOTAL	1	18,925	
MICHIGAN CANCER FOUNDATION			
1S15 CA46208-01	HEPPNER, GLORIA H	BECKMAN L8-80 ULTRACENTRIFUGE AND ROTORS	31,159
1R13 CA45889-01	KING, CHARLES M	3RD INTERNAT CONFERENCE ON N-SUBSTITUTED ARYL COMPOUNDS	10,000
INSTITUTION TOTAL	2	41,159	
WAYNE STATE UNIVERSITY			
1R01 CA42932-01A1	ABRAMSON, HANLEY N	SYNTHESIS AND PHARMACOLOGY OF AMINOANTHRACYCLINES	68,431
1R01 CA44771-01	BROOKS, SAM C	ESTROGEN STRUCTURE-RECEPTOR FUNCTION RELATIONSHIPS	149,358
1R01 CA45831-01	LUK, GORDON D	INHERITANCE AND MARKERS OF COLORECTAL CANCER AND POLYPS	200,285
1S15 CA46209-01	NADLER, HENRY L	COMPUTERIZED HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	56,316
1R22 AI25104-01	PALCHAUDHURI, SUNIL	MECHANISMS OF S DYSENTERIAE ADHESION AND INTERNALIZATION	82,584
1R13 CA45130-01	RYAN, JAMES R	INTERNATIONAL SYMPOSIUM ON SARCOMAS	7,500
1S10 RR03366-01	ZEMLICKA, JIRI	SPECTROPOLARIMETER FOR MAGNETIC CIRCULAR DICHROISM	63,000
INSTITUTION TOTAL	7	627,474	
CITY TOTAL	11	732,258	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
1S15 DK39393-01	BIEBER, LORAN L	REQUEST FOR FPLC AND A GAMMA COUNTER	34,166
1R29 CA45860-01	CULLUM, MALFORD E	FUNCTION OF 13-CIS-RETINOIC ACID IN HL-60 CELLS	60,055
1S15 CA46181-01	GERHARDT, PHILIPP	FOUR SMALL RESEARCH INSTRUMENTS	21,893
1R29 AR38972-01	MEYER, RONALD A	NMR STUDIES OF MAMMALIAN SKELETAL MUSCLE METABOLISM	63,003
1R01 HD22958-01	RAIKHEL, ALEXANDER S	MOSQUITE OOCYTES--MECHANISM OF PROTEIN ACCUMULATION	63,530
1R29 CA45360-01	SCHWARTZ, RICHARD C	SYNERGY OF VIRAL RAS & MYC IN LYMPHOID TRANSFORMATION	56,776
1S15 ES04504-01	TASKER, JOHN B	REQUEST FOR EPIFLUORESCENCE MICROSCOPE LAMINAR FLOW HOOD	17,435
1R01 HL38458-01	VAN EGEREN, LAWRENCE F	ACTIVITY, EMOTION, AND AMBULATORY BLOOD PRESSURE	83,538
1R01 GM38634-01	WELLS, WILLIAM W	STRUCTURAL & MECHANISTIC STUDIES OF THIOLTRANSFERASE	89,101
1R01 NS25117-01	ZIPSER, BIRGIT	MONOCLONAL ANTIBODIES AGAINST PROTEINS	88,004
INSTITUTION TOTAL	10	577,501	
RECOMTEX CORPORATION			
1R43 HD23051-01	SADOFF, HAROLD L	ISOLATION OF FETAL CELLS FROM MATERNAL CIRCULATING BLOOD	43,100
INSTITUTION TOTAL	1	43,100	
CITY TOTAL	11	620,601	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
KALAMAZOO			
UPJOHN COMPANY			
1R01 DK39302-01	CLARKE, STEVEN D	BIOLOGICAL MECHANISMS OF OMEGA-3 FATTY ACIDS	102,049
INSTITUTION TOTAL	1	102,049	
CITY TOTAL	1	102,049	
LANSING			
MICHIGAN STATE DEPARTMENT OF PUBLIC HEALTH			
1R18 CA43510-01	BEASLEY, JOHN K	CANCER CONTROL TECHNICAL DEVELOPMENT IN HEALTH AGENCIES	100,000
INSTITUTION TOTAL	1	100,000	
CITY TOTAL	1	100,000	
ROCHESTER			
OAKLAND UNIVERSITY			
1R01 CA45424-01	SEVILLA, MICHAEL D	RADIATION INDUCED LIPID AND SULFHYDRYL AUROXIDATION	66,187
INSTITUTION TOTAL	1	66,187	
CITY TOTAL	1	66,187	
WAYNE			
MC CANN ASSOCIATES, INC.			
1R43 HL38604-01	MC CANN, DAISY S	BIOLOGICALLY STABLE HEPARIN DERIVATIVES	33,518
INSTITUTION TOTAL	1	33,518	
CITY TOTAL	1	33,518	
STATE TOTAL	54	3,718,650	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1S15 CA46237-01	ABDEL-MONEM, MAHMOUD M	BECKMAN LS 3801 LIQUID SCINTILLATION COUNTER	10,706
1S15 CA46204-01	BROWN, DAVID M	DIODE ARRAY SPECTROPHOTOMETERS, VACUUM SYSTEM WITH SPUTT	85,361
1R01 DK37497-01A1	BROWN, DAVID R	PEPTIDE RECEPTORS IN THE INTESTINAL MUCOSA	76,921
1R29 DE08185-01	CLEMENTS, JANE	GLUTAMATE AND ASPARTATE IN THE SPINAL TRIGEMINAL NUCLEUS	50,130
1S15 DK39407-01	FLETCHER, THOMAS F	STERILE MONOCLONAL WORK STATION	5,545
1R01 CA46909-01	GREEN, MARK A	RADIOPHARMACEUTICALS LABELED WITH METAL RADIONUCLIDES	89,502
1R01 AI25017-01	HAASE, ASHLEY T	PATHOGENESIS OF THE AIDS DEMENTIA COMPLEX	97,362

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R01 AI24162-01A1	HOSTETTER, MARGARET K	INTERACTIONS OF C3 WITH BACTERIAL PATHOGENS	90,475
1R13 EY07478-01	JOHNSON, ROSS G	INTERNATIONAL CONFERENCE ON GAP JUNCTIONS	7,000
1R01 AI24186-01A1	JORDAN, M COLIN	LATENT CYTOMEGALOVIRUS INFECTION	65,222
1S15 HL39540-01	KANE, ROBERT L	BASIC LAMBDA READER/PRO-WASH PLUS/SUPER CHROMA SYSTEMS	40,241
1R01 CA44635-01	KHAN, FAIZ M	COMPUTATION OF 3-D ELECTRON BEAM DOSE DISTRIBUTION	73,114
1R01 NS24403-01A1	LETOURNEAU, PAUL C	NEURON-MATRIX INTERACTIONS IN DEVELOPMENT & REGENERATION	124,570
1R01 CA45814-01	MC GLAVE, PHILIP B	REGULATION OF HEMATOPOIESIS IN CML BY GAMMA INTERFERON	119,939
1R01 AG06886-01	MC GUE, MATTHEW K	TWIN STUDY OF NORMAL AGING	120,388
1R03 DE07732-01A1	MESSER, LOUISE B	IN VITRO EFFECTS OF FLUORIDE ON AMELOGENESIS	15,000
1R01 CA44891-01	MIRKIN, BERNARD L	TRANSPORT DEPENDENT ACTIONS OF ADENOSINE ANALOGUES	75,764
1R01 GM38819-01	NELSESTUEN, GARY L	PROTEIN KINASE C--IN VITRO STUDIES	96,140
1R01 DK39956-01	O'GRADY, SCOTT M	REGULATION OF ION TRANSPORT BY ATRIAL NATRIURETIC FACTOR	68,867
1R01 CA41647-01A1	PIRIE, PHYLLIS L	ENHANCING SMOKING CESSATION BY WEIGHT GAIN PREVENTION	272,727
1R01 GM38767-01	QUE, LAWRENCE, JR	SYNTHETIC APPROACHES FOR MODELLING METAL-OXO PROTEINS	85,873
1R01 NS25012-01	RUGGERO, MARIO A	PERIPHERAL MECHANISMS OF HEARING	76,142
1S15 GM39133-01	SHERIDAN, JUDSON D	MISCELLANEOUS EQUIPMENT	47,881
1S10 RR03358-01	UGURBIL, KAMIL	500 MHZ HIGH RESOLUTION NMR SPECTROMETER	300,000
1S10 RR03263-01	WOODWARD, CLARE K	REQUEST FOR MOLECULAR GRAPHICS FACILITY	146,000
INSTITUTION TOTAL	25	2,240,870	
CITY TOTAL	25	2,240,870	
NORTHFIELD			
ST. OLAF COLLEGE			
1R15 CA45165-01	JOHNSON, THEODORE R	AGE-DETERMINED CHANGES IN ANTI-TUMOR IMMUNITY	49,700
INSTITUTION TOTAL	1	49,700	
CITY TOTAL	1	49,700	
ROCHESTER			
MAYO FOUNDATION			
1R13 AI23779-01A1	DAVID, CHELLA S	MAJOR HISTOCOMPATIBILITY COMPLEX--GENES	11,000
1R01 DK38855-01	HEATH, HUNTER, III	PATHOGENESIS OF HYPERCALCEMIA	140,965
1R01 EY07065-01	JOHNSON, DOUGLAS H	CELLULAR BIOLOGY OF THE TRABECULAR MESHWORK	130,060
1R29 NS24694-01	MC CORMICK, DANIEL J	SYNTHESIS OF HUMAN AUTOANTIGENS OF MYASTHENIA GRAVIS	60,596
1R01 HL36879-01A1	MICHELS, VIRGINIA V	IDIOPATHIC DILATED CARDIOMYOPATHY	127,545
1R01 DK38092-01	MILES, JOHN M	REGULATION OF FFA METABOLISM IN NORMAL AND DIABETIC MAN	138,692
1R29 CA45312-01	VUK-PAVLOVIC, STANIMIR	AUTOCRINE MECHANISMS IN MICROMETASTASIS MODELS	59,465
1R01 AR38671-01	WOOD, MICHAEL B	PROLONGED ANOXIA AND RESPONSIVENESS OF BONE VASCULAR BED	83,675
INSTITUTION TOTAL	8	751,998	
CITY TOTAL	8	751,998	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	34	3,042,568	
MISSISSIPPI			
HATTIESBURG			
UNIVERSITY OF SOUTHERN MISSISSIPPI			
1R15 GM38704-01	MC MURTREY, KENNETH D	DRUG METABOLISM IN SHRIMP GROWN FOR HUMAN CONSUMPTION	49,378
INSTITUTION TOTAL	1	49,378	
CITY TOTAL	1	49,378	
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
1R01 AI24535-01	BYERS, BENJAMIN R	SIDEROPHORES, IRON AND VIRULENCE	93,851
1S15 AI25412-01	GENTRY, GLENN A	DEC MICROVAXII PROPHET II WORKSTATION	29,573
1R01 HL39399-01	HALL, JOHN E	BLOOD PRESSURE & RENAL FUNCTION IN HYPERINSULINEMIA	95,578
1R01 HD21779-01A2	LABONNE, STEPHEN G	MOLECULAR ANALYSIS OF DROSOPHILA NEUROGENIC MUTATIONS	53,937
1R01 HL39387-01	ROCKHOLD, ROBIN W	HYPOTHALAMIC OPIATES IN OBESITY-ACCELERATED HYPERTENSION	39,753
INSTITUTION TOTAL	5	312,692	
CITY TOTAL	5	312,692	
UNIVERSITY			
UNIVERSITY OF MISSISSIPPI			
1S15 CA46226-01	GUESS, WALLACE L	ULTRAVIOLET SPECTROMETER & ULTRALOW TEMPERATURE FREEZER	9,003
INSTITUTION TOTAL	1	9,003	
CITY TOTAL	1	9,003	
STATE TOTAL	7	371,073	
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R29 HL39025-01	GEISBUHLER, TIMOTHY P	METABOLISM OF GUANOSINE IN ISCHEMIC MYOCARDIUM	72,661
1S15 HL39496-01	KAHRS, ROBERT F	DENSITOMER AND OSYGEN ANALYZER	5,134
1R01 HL36079-01A1	PARKER, JANET L	MYCOCARDIAL DYSFUNCTION AND CA++ FLUXES IN SHOCK	78,036
1R01 LM04605-01	SIEVERT, MARYELLEN	COMPARATIVE STUDY OF INDEX TERMS AND FULL-TEXT	74,518
1R01 AI25962-01	WHITE, ARNOLD A	ACTIVATION OF INTESTINAL MUCOSA GUANYLATE CYCLASE	89,822
1R01 NS24960-01	YORK, DONALD H	CEREBRAL ACTIVITY PRECEDING MOVEMENT	53,360
INSTITUTION TOTAL	6	373,531	
CITY TOTAL	6	373,531	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
KANSAS CITY			
UNIVERSITY OF MISSOURI-KANSAS CITY			
1R15 DE08117-01	COBB, CHARLES M	HISTOPATHOLOGY & IMMUNOHISTOCHEMISTRY OF ANUG	49,318
1R15 DE08119-01	DRISKO, CONNIE L	ANOREXIA & BULIMIA--ORAL AND MICROBIAL EVALUATION	40,125
1R15 GM37448-01A1	HIRSCHBERG, RONA L	PHYCOBILIN GENE STRUCTURE AND REGULATION	50,000
1R29 GM38727-01	WICHMAN, HOLLY A	MAMMALIAN GENOMES: STASIS AND CHANGE	62,594
INSTITUTION TOTAL	4	202,037	
CITY TOTAL	4	202,037	
SAINT LOUIS			
INVITRON CORPORATION			
1R43 AI24409-01	SCOTT, RANDY W	AZUROPHIL-DERIVED BACTERICIDAL FACTOR	34,827
INSTITUTION TOTAL	1	34,827	
JEWISH HOSPITAL OF ST. LOUIS			
1R01 DK38682-01	LEY, TIMOTHY J	REGULATION OF FETAL & ADULT HUMAN HEMOGLOBIN PRODUCTION	113,535
1P01 AG06815-01	PECK, WILLIAM A	FALLS AND HIP FRACTURES--CAUSES, RISKS, AND OUTCOMES	793,570
INSTITUTION TOTAL	2	907,105	
ST. LOUIS UNIVERSITY			
1R15 GM38508-01	FLISS, EDWARD R	DNA SEQUENCE HOMOLOGY IN DIVERGENT BACTERIAL SPECIES	50,000
1S15 CA46210-01	LAGUNOFF, DAVID	HIGH PRESSURE MICROBORE LIQUID CHROMATOGRAPH/FPLC SYSTEM	46,301
INSTITUTION TOTAL	2	96,301	
WASHINGTON UNIVERSITY			
1S10 RR03293-01	ACKERMAN, JOSEPH J	REPLACEMENT OF A 360 MHZ NMR SPECTROMETER CONSOLE	252,000
1R01 HL38868-01	BILLADELLO, JOSEPH J	REGULATION OF EXPRESSION OF CREATINE KINASE GENE FAMILY	89,362
1S15 GM39162-01	COWAN, WILLIAM M	FPLC/AUTOCLAVE/DISK DRIVE/MINIREACTOR	38,759
1R01 GM38838-01	ELSON, ELLIOT L	BIOPHYSICAL STUDIES OF CYTOSKELETAL FUNCTION	105,783
1R29 GM38280-01	HORTIN, GLEN L	SULFATION OF HUMAN PLASMA PROTEINS	89,839
1R01 GM38786-01	KOHL, DANIEL H	PROLINE METABOLISM:REGULATION OF PURINES/ENERGY TRANSFER	92,231
1R29 GM38660-01	LANDICK, ROBERT C	STRUCTURE/FUNCTION OF TRANSCRIPTION COMPLEX RNA HAIRPINS	57,121
1R29 CA44805-01	LASZLO, ANDREI	MECHANISMS OF FRACTIONATED HYPERTHERMIA: THE HSP70	68,495
1R29 HD22913-01	NELSON, DONALD M	DIFFERENTIATION IN HUMAN PLACENTAL TROPHOBLAST	72,622
1R01 NS25233-01	PETERSEN, STEVEN E	INVESTIGATIONS OF HUMAN CORTICAL ORGANIZATION WITH PET	63,912
1R01 GM38540-01	SILBERT, DAVID F	SPHINGOLIPID AND PHOSPHATIDYLINOSITIDE MUTANTS	106,313
1R01 GM38094-01	SIMCHOWITZ, LOUIS	CHLORIDE MOVEMENTS IN HUMAN NEUTROPHILS	59,676
1R01 GM39682-01	STALLCUP, KATHRYN C	ANALYSIS OF A MEMBRANE-BOUND GROWTH INHIBITOR	71,475
1R37 AI24742-01	UNANUE, EMIL R	ANTIGEN PRESENTATION--ROLE OF IA MOLECULES	218,765

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1R01 AI25011-01	WETSEL, RICK A	MURINE COMPLEMENT C5 DEFICIENCY--MOLECULAR BASIS	67,763
INSTITUTION TOTAL	15	1,454,116	
CITY TOTAL	20	2,492,349	
STATE TOTAL	30	3,067,917	
MONTANA			
BOZEMAN			
MONTANA UNIVERSITY SYSTEM--MONTANA STATE UNIVERSITY			
1S10 RR03433-01	DRATZ, EDWARD A	NUCLEAR MAGNETIC RESONANCE STUDIES ON SOLIDS AND LIQUIDS	300,000
1R01 NS23642-01A1	PADEN, CHARLES M	CELL SORTING AND ANTIBODIES TO NEUROENDOCRINE CELLS	106,136
1S15 CA46240-01	STARKEY, JEAN R	CORNING MEGA-PURE STILL/LKB ELECTRON MICROSCOPY	9,984
INSTITUTION TOTAL	3	416,120	
CITY TOTAL	3	416,120	
MISSOULA			
MONTANA UNIVERSITY SYSTEM--UNIVERSITY OF MONTANA			
1R22 AI23700-01A1	GRANATH, WILLARD O, JR	MOLECULAR BIOLOGY OF SCHISTOSOME-SNAIL INTERACTIONS	59,945
INSTITUTION TOTAL	1	59,945	
CITY TOTAL	1	59,945	
STATE TOTAL	4	476,065	
NEBRASKA			
LINCOLN			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN			
1S10 RR03455-01	COTTON, THERESE M	LASER RAMAN SPECTROMETER	119,000
1S15 CA46195-01	COTTON, THERESE M	PREPARATIVE HIGH PRESSURE LIQUID CHROMATOGRAPHY	13,823
INSTITUTION TOTAL	2	132,823	
CITY TOTAL	2	132,823	
OMAHA			
AMERICAN ASSOCIATION FOR THE STUDY OF LIVER DISEASES			
1R13 DK38902-01	ANWER, MOHAMMED S	INTRACELLULAR CALCIUM AND CELL FUNCTIONS	7,310
INSTITUTION TOTAL	1	7,310	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA			
OMAHA			
CREIGHTON UNIVERSITY			
1R01 CA42705-01A1	LYNCH, HENRY T	PATHOLOGY DISCRIMINANTS AND CANCER CONTROL IN HNPCC	105,629
1R13 AI24867-01	MANI, JEAN-CLAUDE	18TH INTERNATIONAL LEUCOCYTE CULTURE CONFERENCE	2,000
1S15 AR39052-01	RECKER, ROBERT R	GILFORD SYSTEM 203-S CHEMISTRY ANALYZER	8,958
INSTITUTION TOTAL	3	116,587	
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
1R24 RR03765-01	BERNDT, WILLIAM O	AN ANIMAL RESOURCE IMPROVEMENT PLAN	85,750
1S15 CA46180-01	BRESNICK, EDWARD	L7-55 ULTRACENTRIFUGE AND ROTOR	22,094
1R01 AR38347-01	CLARK, FRANCIS J	ROLE OF MEMORY IN HUMAN KINESTHESIA	46,006
1R01 CA44886-01	COHEN, SAMUEL M	ACROLEIN AND URINARY BLADDER CARCINOGENESIS	131,684
1R01 CA43589-01A1	ISSENBERG, PHILLIP	CRUCIFEROUS VEGETABLES/ENDOGENOUS NITROSAMINE FORMATION	72,887
1R15 HL38661-01	PANKASKIE, MARVIN C	MODIFIED ADENOSINE ANALOGS AS PURINERGIC RECEPTOR PROBES	49,250
1R01 CA42133-01A1	POUR, PARVIZ M	TRANSPLACENTAL INDUCTION OF PANCREATIC CANCER	58,217
1R29 HL38917-01	ROZANSKI, GEORGE J	MODELS OF ECTOPIC ATRIAL AUTOMATICITY	71,199
1R15 GM38439-01	SCHAAF, LARRY J	PHARMACOKINETICS OF LABETALOL IN THE MATERNAL-FETAL	41,522
1R15 ES04367-01	STOHS, SIDNEY J	FREE RADICALS & IRON IN TCDD INDUCED LIPID PEROXIDATION	50,000
1S15 ES04497-01	WALDMAN, ROBERT H	HP ELECTROPHORESIS SYSTEM HP ELECTROSTATIC RECORDER	24,770
1R01 HL38690-01	ZUCKER, IRVING H	CARDIAC AND ARTERIAL BAROREFLEXES IN HEART FAILURE	109,617
INSTITUTION TOTAL	12	762,996	
CITY TOTAL	16	886,893	
STATE TOTAL	18	1,019,716	
NEVADA			
RENO			
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO			
1S15 HL39506-01	BUXTON, IAIN L	GRADIENT HIGH PRESSURE LIQUID CHROMATOGRAPH	15,487
1R01 DK38717-01	SANDERS, KENTON M	ELECTRICAL BASIS OF COLONIC MOTILITY	96,850
INSTITUTION TOTAL	2	112,337	
CITY TOTAL	2	112,337	
STATE TOTAL	2	112,337	
NEW HAMPSHIRE			
DURHAM			
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE			
1S15 GM39169-01	CHASTEEN, NORMAN D	LIQUID HELIUM EPR CRYOSTAT	11,373
INSTITUTION TOTAL	1	11,373	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	11,373	
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
1R01 CA44794-01	FANGER, MICHAEL W	HETEROANTIBODY MEDIATED KILLING OF LYMPHOMA CELLS	111,367
1S15 CA46207-01	MC COLLUM, ROBERT W	X-RAY UNIT, ELISA READER, IN-VITRO CELL GROWTH SYSTEM	62,827
1R03 CA46412-01	NIERENBERG, DAVID W	SEASONAL AND DIURNAL VARIATION IN SERUM CAROTENOIDS	12,000
1R01 AI24348-01	RIGBY, WILLIAM F	MODULATION OF THE IMMUNE RESPONSE BY VITAMIN D	83,972
1S15 GM39135-01	WETTERHAHN, KAREN E	LOW TEMPERATURE FREEZER AND LABOFUGE B	8,927
1R01 CA45735-01	WETTERHAHN, KAREN E	EFFECT OF CHROMIUM ON GENE EXPRESSION IN VIVO	85,766
1R29 CA45049-01	WHITE, HILLARY D	RECOGNITION OF LEUKEMIA ANTIGEN BY ANTI-VIRAL CTL'S	66,500
INSTITUTION TOTAL	7	431,359	
CITY TOTAL	7	431,359	
STATE TOTAL	8	442,732	
NEW JERSEY			
CAMDEN			
RUTGERS THE STATE UNIVERSITY CAMDEN			
1R15 NS24950-01	COLE, SHERWOOD O	MECHANISMS OF BDZ-INDUCED DISCRIMINATION IMPAIRMENT	49,984
INSTITUTION TOTAL	1	49,984	
CITY TOTAL	1	49,984	
NEW BRUNSWICK			
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK			
1S15 ES04507-01	LOWNDES, HERBERT E	NOMARSKI & FLUORESCENT MICROSCOPY OPTICS	6,945
1S15 CA46200-01	RUDCZYNSKI, ANDREW B	DENSITOMETER & SPECTROMETER ACQUISITION	51,076
1R01 GM37994-01	SCHUGAR, HARVEY J	LONG RANGE ELECTRON TRANSFER IN RIGID RU-III SYSTEMS	107,147
INSTITUTION TOTAL	3	165,168	
CITY TOTAL	3	165,168	
NEWARK			
CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY			
1R01 CA43218-01A1	GOLD, DAVID V	MONOCLONAL ANTIBODIES FOR MANAGEMENT OF GI CANCER	118,759
1S15 CA46227-01	GOLD, DAVID V	GAMMA SCINTILLATION SPECTROMETER	9,899
1R24 RR03750-01	GOLDENBERG, DAVID M	CMMI ANIMAL FACILITY IMPROVEMENT PLAN	88,655
INSTITUTION TOTAL	3	217,313	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEWARK			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1R01 NS25032-01	EPSTEIN, LEON G	HIV ANTIGEN IN CEREBROSPINAL FLUID	68,424
1S15 CA46182-01	HIRSCHBERG, ERICH	PURCHASE OF LABORATORY STERILIZER, LIQUID SCINTILLATION	47,601
1R01 NS25121-01	SHARER, LEROY R	VASCULAR PATHOLOGY IN HIV ENCEPHALITIS IN CHILDREN	147,816
1R01 CA44722-01	STUDZINSKI, GEORGE P	VITAMIN D ANALOGS AS ADJUVANTS IN CHEMOTHERAPY	66,445
1R01 HL38786-01	SVED, ALAN F	BRAINSTEM GABA NEURONS IN EXPERIMENTAL HYPERTENSION	93,141
INSTITUTION TOTAL 5		423,427	
CITY TOTAL 8		640,740	
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1R01 GM38731-01	CHADA, KIRAN K	INTRODUCTION/EXPRESSION OF GENES	112,240
1S15 DK39409-01	EDELMAN, NORMAN H	SPECTROFLOUROMETER--AUTOMATED MICROFILTER SYSTEM	50,362
1R29 AR38454-01	WINKELMANN, DONALD A	MOLECULAR PROBES OF MYOSIN STRUCTURE AND INTERACTIONS	89,097
INSTITUTION TOTAL 3		251,699	
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-SCHOOL OF OSTEOPATHIC MEDICINE			
1R01 NS25168-01	GELLER, HERBERT M	DEVELOPMENT OF HYPOTHALAMIC NEURONS IN VITRO	88,763
INSTITUTION TOTAL 1		88,763	
CITY TOTAL 4		340,462	
PRINCETON			
PRINCETON UNIVERSITY			
1S15 GM39119-01	FRESCO, JACQUES R	COMPUTER LINKED DENSITOMETER HIGH SPEED CENTRIFUGE ROTOR	47,912
1S10 RR03340-01	GROVES, JOHN T	PURCHASE OF A HIGH FIELD NMR SPECTROMETER	300,000
1R01 CA45339-01	LEMISCHKA, IHOR R	IN VIVO BEHAVIOR OF HEMATOPOIETIC STEM CELL CLONES	98,282
1R01 NS23875-01A1	SULLIVAN, WINTHROP E, III	NEURONAL STRUCTURE AND FUNCTION--AUDITORY SYSTEM	101,336
1R01 HD22417-01	WESTOFF, CHARLES F	FERTILITY & HEALTH SURVEYS--EXPERIMENTAL FIELD STUDY	147,168
INSTITUTION TOTAL 5		694,698	
CITY TOTAL 5		694,698	
STATE TOTAL 21		1,891,052	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1R01 HD20409-01A2	CRAGO, SYLVIA S	IMMUNOREGULATORY FACTORS IN HUMAN COLOSTRUM	28,255

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NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1R01 AR35177-01A2	GOLDBERG, ELLEN H	IMMUNOGENETICS OF THE SKIN ANTIGENIC SYSTEMS	67,566
1S15 CA46184-01	NAPOLITANO, LEONARD M	HIGH PRESSURE LIQUID CHROMATOGRAPH	46,691
1S15 AR39048-01	VOGEL, KATHRYN G	SPECTROPHOTOMETER AND ACCESSORIES	9,260
INSTITUTION TOTAL	4	151,772	
CITY TOTAL	4	151,772	
LAS CRUCES			
NEW MEXICO STATE UNIVERSITY AT LAS CRUCES			
1S15 AI25407-01	HAGEMAN, JAMES H	PHARMACIA-FAST PROTEIN LIQUID CHROMATOGRAPHY	6,181
INSTITUTION TOTAL	1	6,181	
CITY TOTAL	1	6,181	
LOS ALAMOS			
UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY			
1R29 CA45141-01	CORNFORTH, MICHAEL N	CYTOGENETIC EFFECTS PERTAINING TO LOW DOSES OF RADIATION	58,870
INSTITUTION TOTAL	1	58,870	
CITY TOTAL	1	58,870	
STATE TOTAL	6	216,823	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
1R35 CA44355-01	MALEY, FRANK	NCI OUTSTANDING INVESTIGATORS GRANT	47,132
INSTITUTION TOTAL	1	47,132	
STATE UNIVERSITY OF NEW YORK AT ALBANY			
1R01 DK38614-01	BLANCHARD, EDWARD B	PSYCHOLOGICAL TREATMENT OF IRRITABLE BOWEL SYNDROME	108,484
1S15 GM39132-01	GULLAHORN, JEANNE E	SCINTILLATION COUNTER, EEG POLYGRAPH, OXYGEN MONITOR	29,912
1R13 GM38617-01	SARMA, RAMASWAMY H	BIOMOLECULAR STEREODYNAMICS	2,000
INSTITUTION TOTAL	3	140,396	
CITY TOTAL	4	187,528	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
AURORA			
WELLS COLLEGE			
1R15 GM38460-01	BYRNE, BARBARA J	PARAMECIUM CILIARY ANTIGEN GENES: STRUCTURAL COMPARISON	45,805
INSTITUTION TOTAL	1	45,805	
CITY TOTAL	1	45,805	
BINGHAMTON			
STATE UNIVERSITY OF NEW YORK AT BINGHAMTON			
1R01 HD23362-01	MICHAEL, SANDRA D	OVARIAN MALFUNCTION INDUCED BY POPULATION STRESS	84,335
INSTITUTION TOTAL	1	84,335	
CITY TOTAL	1	84,335	
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
1S10 RR03268-01	ALDERFER, JAMES L	NUCLEAR MAGNETIC RESONANCE EQUIPMENT	50,000
1S15 CA46191-01	CHAPMAN, VERNE M	CENTRIFUGAL ELUTRIATOR/NUCLEIC ACID EXTRACTOR FACILITY	79,338
1R29 CA45316-01	DIAKUN, KATE R	SIALYLATED CARBOHYDRATE ANTIGENS RELATED TO CA 125	66,073
INSTITUTION TOTAL	3	195,411	
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
1R01 NS23513-01A1	AUERBACH, ANTHONY L	MULTIPLE ACTIVITY PATTERNS OF ACETYLCHOLINE RECEPTORS	83,600
1R01 HL39390-01	BROWNIE, ALEXANDER C	ADRENOCORTICAL HORMONES IN OBESITY-RELATED HYPERTENSION	90,068
1S15 AI25421-01	DOYLE, DARRELL J	BIOSEARCH UPGRADE TO MODEL 9500AT PEPTIDE SYNSTHESIZER	19,284
1S15 AI25409-01	NAUGHTON, JOHN	HIGH CAPACITY BACTERIA FERMENTOR AND BLOOD GAS ANALYZER	57,846
1S15 CA46174-01	SOLO, ALAN J	FOURIER TRANSFORM INFRARED SPECTROMETER	12,960
INSTITUTION TOTAL	5	263,758	
STATE UNIVERSITY OF NEW YORK--COLLEGE AT BUFFALO			
1R01 ES04130-01A1	KUMAR, SUBODH	MECHANISM OF BENZO-A-PYRENE CARCINOGENESIS	81,540
1R01 NS25006-01	MC CAFFREY, ROBERT J	BIOBEHAVIORAL SEQUELAE OF CRANIAL IRRADIATION THERAPY	78,686
INSTITUTION TOTAL	2	160,226	
CITY TOTAL	10	619,395	
CHAPPAQUA			
CORTEKS, INC.			
1R43 NS24490-01	SGRO, JOSEPH A	SELF-OPTIMIZING EVOKED POTENTIAL AMPLIFIER	49,979
INSTITUTION TOTAL	1	49,979	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	49,979	
NEW YORK			
CLINTON			
HAMILTON COLLEGE			
1R01 GM38253-01	GARRETT, JANETTA M	GENETIC ANALYSIS OF YEAST MITOCHONDRIAL PROTEIN	76,150
INSTITUTION TOTAL	1	76,150	
CITY TOTAL	1	76,150	
COLD SPRING HARBOR			
COLD SPRING HARBOR LABORATORY			
1R13 CA46087-01	GRODZICKER, TERRI	EUKARYOTIC TRANSPOSABLE ELEMENT AS MUTAGENIC AGENTS	10,000
1R13 GM38752-01	GRODZICKER, TERRI I	MOLECULAR BIOLOGY OF MITOCHONDRIA AND CHLOROPLASTS	3,000
1R13 AI25198-01	GRODZICKER, TERRI I	CONFERENCE ON MOLECULAR BIOLOGY OF HEPATITIS B VIRUSES	4,500
1R01 GM38810-01	HERNANDEZ, NOURIA	EXPRESSION OF SNRNA GENES	110,416
1S15 GM39144-01	ROBERTS, RICHARD J	ROTOR, BUCKETS, CELL HARVESTER, AUTOCLAVE	38,991
1R13 GM38821-01	STILLMAN, BRUCE W	UKARYOTIC CHROMOSOME REPLICATION	4,600
INSTITUTION TOTAL	6	171,507	
CITY TOTAL	6	171,507	
ITHACA			
CORNELL UNIVERSITY ITHACA			
1R01 HL39239-01	BENSADOUN, ANDRE	EFFECTS OF OMEGA-3 FATTY ACIDS ON LIPID TRANSPORT	64,499
1S10 RR03520-01	CLARDY, JON C	BIOMEDICAL HIGH PERFORMANCE MASS SPECTROMETER	300,000
1S15 AI25382-01	PHEMISTER, ROBERT D	BBCH MICROPIPETTE PULLER, A LASER, & MICROTOME	34,951
1R01 CA44714-01	QUARONI, ANDREA	CRYPT CELL ANTIGENS AS MARKERS FOR COLON CANCER	115,809
1R29 AI24972-01	SEEGER, CHRISTOPH	REPLICATION OF HEPADNAVIRUSES	90,440
INSTITUTION TOTAL	5	605,699	
CITY TOTAL	5	605,699	
LAKE PLACID			
W. ALTON JONES CELL SCIENCE CENTER			
1S15 CA46221-01	SATO, GORDON H	BECKMAN SW41 AND TI45 ULTRACENTRIFUGE ROTORS	11,361
INSTITUTION TOTAL	1	11,361	
CITY TOTAL	1	11,361	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
AMERICAN HEALTH FOUNDATION			
1S15 CA46169-01	WYNDER, ERNST L	THERMAL ENERGY ANALYZER, MICROSCOPE, CHEMICAL ANALYZER	35,392
INSTITUTION TOTAL	1	35,392	
ANATOLE J. SIPIN COMPANY, INC.			
1R43 HL40077-01	SIPIN, ANATOLE J	POCKET NEBULIZER	26,700
INSTITUTION TOTAL	1	26,700	
CITY UNIVERSITY OF NEW YORK--BROOKLYN COLLEGE			
1R01 EY07129-01	ABRAMOV, ISRAEL	HUE & SATURATION SCALING--A PSYCHOPHYSICAL TOOL	76,550
INSTITUTION TOTAL	1	76,550	
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE			
1R29 CA46713-01	BROIDO, MICHELLE S	NMR STUDIES OF PHOSPHATE-ALKYLATED DNA OLIGOMERS	64,793
1S15 CA46206-01	KRAKOW, JOSEPH S	DIODE ARRAY SPECTROPHOTOMETER, HPLC, DATA PROCESSING	22,667
INSTITUTION TOTAL	2	87,460	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1R29 CA47053-01	BERKOWITZ, GERTRUD S	PREVALENCE & EPIDEMIOLOGY OF CRYPTORCHIDISM	58,731
1S15 DK39402-01	EISENMAN, JOSEPH S	DNA SYSTHESIZER/HPLC/CRYO-ULTRAMICROTOME	85,230
1R01 AR38488-01	FLEISCHMAJER, RAUL	COLLAGEN FIBRIL FORMATION IN SKIN	109,294
1R01 CA45754-01	GILBERT, ALFRED	SOLID TUMOR CYTOGENETICS AND CANCER DIAGNOSIS	148,913
1R01 NS22953-01A2	PASIK, PEDRO	BASAL GANGLIA CHEMOANATOMY IN HEALTH AND DISEASE	122,100
1R01 DE08174-01	SHAW, PHYLLIS A	AGE-RELATED RESPONSE OF SALIVARY GLANDS TO ISOPROTERENOL	102,340
INSTITUTION TOTAL	6	626,608	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE			
1S15 GM39168-01	BERKOWITZ, WILLIAM F	DIRECT SAMPLE INSERTION PORT FOR MASS SPECTROMETER	5,615
INSTITUTION TOTAL	1	5,615	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1R01 HL37023-01A1	ALLAN, MAGGI	SEQUENCES CONTROLLING HUMAN GLOBIN GENE EXPRESSION	109,946
1R01 HL38884-01	ASSOIAN, RICHARD K	EXPRESSION OF TGF-BETA IN MONOCYTES AND MACROPHAGES	123,518
1S15 HL39489-01	BENDIXEN, HENRIK H	PHOTOMETER RECORDER SPECTROPHOTOMETER SPECTROFLUOROMETER	33,784
1R01 HL39324-01	GINSBERG, HENRY N	DIET EFFECTS--LIPOPROTEIN METABOLISM & PLATELET FUNCTION	194,017
1R01 NS25161-01	GOLDBERG, DANIEL J	VIDEO-ENHANCED MICROSCOPY OF LIVING GROWTH CONES	87,976
1R29 NS25042-01	HOSKINS, SALLY G	DIRECTED AXON GROWTH/HORMONAL CONTROL/GENE EXPRESSION	69,618

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1R29 CA46095-01	KNUDSEN, PETER J	REGULATION OF INTERLEUKIN-1 SYNTHESIS	61,285
1R24 RR03743-01	KOHN, DENNIS F	ANIMAL RESOURCES IMPROVEMENT GRANT	500,000
1R01 HL39286-01	LIPOWSKY, HERBERT H	RHEOLOGICAL DETERMINANTS OF MICROVASCULAR FUNCTION	29,129
1R29 NS25215-01	MAC DERMOTT, AMY B	REGULATE CA-2+ FOLLOWING ACTIVATION OF NMDA RECEPTOR	85,117
1R01 CA46121-01	MANLEY, JAMES L	MECHANISM OF ALTERNATIVE SPLICING OF SV40 PRE MRNA	129,285
1P01 HL36581-01A1	REEMTSMA, KEITH	CARDIAC TRANSPLANTATION--ADAPTATION/LONG-TERM MANAGEMENT	1,147,510
1R01 GM34483-01A3	VULLIEMOZ, YVONNE	VOLATILE ANESTHETICS-NEGATIVE INOTROPIC EFFECT AND CGMP	91,754
INSTITUTION TOTAL 13		2,662,939	
CORNELL UNIVERSITY MEDICAL CENTER			
1P01 HD23315-01	BLACK, IRA B	GROWTH & DEVELOPMENT OF THE NERVOUS SYSTEM--MOLECULAR	359,990
INSTITUTION TOTAL 1		359,990	
HOSPITAL FOR JOINT DISEASES ORTHOPAEDIC INSTITUTE			
1S15 AI25410-01	WINCHESTER, ROBERT J	FACS UPGRADE-OPTICAL SYSTEM/SOFTWARE/HARDWARE	11,688
INSTITUTION TOTAL 1		11,688	
HOSPITAL FOR SPECIAL SURGERY			
1S15 AR39046-01	BURSTEIN, ALBERT H	DATA LOGGER/LIQUID CHROMATOGRAPH/LAMINAR FLOW HOOD	14,811
INSTITUTION TOTAL 1		14,811	
IMCLONE SYSTEMS, INC.			
1R43 AI24824-01	GIORGIO, NICHOLAS	RAPID DETECTION FOR HTLV III	43,100
INSTITUTION TOTAL 1		43,100	
MANHATTAN COLLEGE			
1R15 GM38552-01	RUDNICK, SUZANNE E	CRYSTALLOGRAPHIC STUDY OF THE S-100 PROTEINS	50,000
INSTITUTION TOTAL 1		50,000	
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1R01 CA45783-01	FRIEDMAN, EILEEN A	MALIGNANT TO BENIGN TUMOR TRANSITION	65,337
1S15 CA46230-01	HELLMAN, SAMUEL	LIQUID SCINTILLATION ANALYZER, HPLC SYSTEM, ELISA READER	45,580
INSTITUTION TOTAL 2		110,917	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1R01 NS25129-01	LACY, ELIZABETH H	ROLE OF T4 IN THE NEUROTROPISM OF THE AIDS VIRUS	128,917

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1R01 CA42908-01A1	LATTIME, EDMUND C	T LEUKEMIAS WITH NATURAL CYTOTOXIC CELL ACTIVITY	85,587
1R01 CA44678-01	MELERA, PETER W	STUDIES OF MULTIDRUG RESISTANCE IN MAMMALIAN CELLS	137,586
1R29 CA41375-01A1	MEYERS, MARIAN B	EGF RECEPTOR IN NORMALIZED MULTIDRUG-RESISTANT CELLS	60,875
1R24 RR03754-01	MYERS, DAVID D	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	410,720
1S15 CA46219-01	RIFKIND, RICHARD A	SKI SMALL INSTRUMENTATION PROGRAM	81,275
INSTITUTION TOTAL	6	904,960	
MONTEFIORE MEDICAL CENTER			
1S15 CA46197-01	AUGENLICHT, LEONARD H	TL-100 ULTRACENTRIFUGE AND ROTORS	29,247
1R29 NS25041-01	LEGATT, ALAN D	SPATIO-TEMPORAL ANALYSIS OF EVOKED POTENTIALS	84,355
INSTITUTION TOTAL	2	113,602	
NATIONAL FOUNDATION FOR ILEITIS AND COLITIS			
1R13 DK38926-01	MACDERMOTT, RICHARD P, JR	CHRONIC INFECTION AND INFLAMMATION IN IBD	6,000
INSTITUTION TOTAL	1	6,000	
NEW YORK ACADEMY OF SCIENCES			
1R13 NS25023-01	RAINE, CEDRIC S	CONFERENCE ON NEUROIMMUNOLOGY	15,000
1R13 DK38869-01	TACHE, YVETTE F	INTERNATIONAL SYMPOSIUM ON BOMBESIN-LIKE PEPTIDE	10,000
1R13 DK38433-01	WEINTRAUB, LEWIS R	INTERNATIONAL HEMOCHROMATOSIS CONFERENCE	14,000
INSTITUTION TOTAL	3	39,000	
NEW YORK BLOOD CENTER			
1R01 HL39021-01	POGO, A OSCAR	CLONING OF THE DUFFY BLOOD GROUP GENE	96,011
INSTITUTION TOTAL	1	96,011	
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE			
1R01 NS23858-01A1	KELLY, DENNIS D	HYPOTHALAMIC NEURONS BY BEHAVIORAL STRESS	125,657
INSTITUTION TOTAL	1	125,657	
NEW YORK STATE OFFICE OF MENTAL RETARDATION AND DEVELOPMENTAL DISABILITIES--INST BASIC RES DEV			
1R01 NS25231-01	MILLER, DAVID L	STRUCTURE AND BIOGENESIS OF BRAIN AMYLOID PEPTIDES	74,596
1R13 NS25132-01	PULLARKAT, RAJU K	INTERNATIONAL CONFERENCE ON CEROID-LIPOFUSCINOSIS	18,500
1P50 NS23717-01A1	PULLARKAT, RAJU K	NEUROGENETIC DISORDERS OF INFANCY & CHILDHOOD	254,454
INSTITUTION TOTAL	3	347,550	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
NEW YORK UNIVERSITY			
1S15 ES04499-01	FARBER, SAUL J	BECKMAN TABLE TOP ULTRACENTRIFUGE & OTHER	87,280
1S10 RR03467-01	FRANGIONE, BLAS	GASE-PHASE SEQUENCER, PTH ANALYZER & AMINO ACID ANALYZER	199,000
1R29 AI25085-01	NARDIN, ELIZABETH H	T CELL EPITOPES OF THE MALARIA CS PROTEINS	68,765
1R29 CA45664-01	SNOW, ELIZABETH T	MECHANISMS OF METAL MUTAGENESIS: CR, NI, & BE	58,985
1R01 DE08024-01	VAIDYANATHAN, TRITALA K	OPTIMIZATION OF SMALL PARTICLE COMPOSITES	102,907
1R01 NS23027-01A1	ZHOU, FENG C	NEUROTROPHIC FACTOR FOR SEROTONERGIC NEURONS	77,115
INSTITUTION TOTAL	6	594,052	
POPULATION COUNCIL			
1S15 DK39398-01	CHEN, CHING-LING C	REFRIGERATED HIGH SPEED CENTRIFUGE & ROTOR	14,513
INSTITUTION TOTAL	1	14,513	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.			
1S15 GM39171-01	BECK, DAVID P	MULTIUSER FPLC FACILITY	25,172
1R01 CA46965-01	BUSHKIN, YURI	T CELL RECEPTOR-LIKE/T8/HLA INTERACTIONS IN RECOGNITION	114,352
INSTITUTION TOTAL	2	139,524	
ROCKEFELLER UNIVERSITY			
1R01 AI25032-01	ADEREM, ALAN A	LPS REGULATION OF MACROPHAGE FUNCTION	103,550
1R01 EY07119-01	BARNSTABLE, COLIN J	CELLULAR AND MOLECULAR ORGANIZATION OF THE VISUAL CORTEX	58,076
1R35 CA44356-01	HANAFUSA, HIDESABURO	ANALYSIS OF CELL TRANSFORMATION BY RETROVIRUS	300,000
1R01 NS24418-01A1	HUGANIR, RICHARD L	TYROSINE PHOSPHORYLATION OF THE NICOTINIC ACHR	73,600
1R01 GM37639-01A1	KENDALL, DEBRA A	REDESIGN OF STRUCTURAL REGIONS OF ALKALINE PHOSPHATASE	59,675
1S15 CA46157-01	LEDERBERG, JOSHUA	AMINO ACID ANALYZER	84,253
1R01 CA44365-01	SEHGAL, PRAVINKUMAR B	TUMOR NECROSIS FACTOR INDUCES A NEW REGULATORY CYTOKINE	63,164
1R29 CA45757-01	SUDOL, MARIUS	STRUCTURAL & FUNCTIONAL ANALYSIS OF THE YES	65,384
INSTITUTION TOTAL	8	807,702	
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES			
1S10 RR03272-01	LIEBERMAN, SEYMOUR	GAS CHROMATOGRAPH/MASS SPECTROMETER	162,000
1S10 RR03278-01	PIERSON, RICHARD N, JR	RESEARCH GAMMA CAMERA	220,000
INSTITUTION TOTAL	2	382,000	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN			
1R29 GM38866-01	KASS, IRA S	ANESTHETIC PROTECTION OF HYPOXIC BRAIN TISSUE	82,121
1S15 GM39116-01	KUSCHNER, MARVIN	OSCILLOSCOPE, ULTRACENTRIFUGES, MICROPLATE READER	63,170
INSTITUTION TOTAL	2	145,291	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
YESHIVA UNIVERSITY			
1R01 CA43953-01A1	BERMAN, JOAN W	ISOLATION AND CHARACTERIZATION OF THE GENE ENCODING OKM5	116,324
1R01 HL39369-01	HALL, LINDA M	MOLECULAR GENETIC ANALYSIS OF CARDIAC CALCIUM CHANNELS	89,180
1R01 GM38743-01	KIELIAN, MARGARET C	MEMBRANE FUSION & THE ENDOCYTIC PATHWAY	96,049
1R01 CA44822-01	LENZ, JOHN R	LEUKEMOGENESIS BY MURINE RETROVIRUSES	85,832
1S15 GM39140-01	PURPURA, DOMINICK P	RESEARCH INSTRUMENTS	89,101
1R01 HD23012-01	RICHARDSON, STEPHEN A	RETARDED CHILD AND YOUNG ADULT IN THE FAMILY CONTEXT	82,539
1R01 DK39137-01	ROY-CHOWDHURY, NAMITA	RELATION OF ENZYME PROCESSING TO HEPATIC GLUCURONIDATION	116,297
1R01 NS25873-01	SOEIRO, RUY	AIDS VIRUS INFECTION OF HUMAN NEURONAL CELLS	120,872
1R01 HL39032-01	WYLIE-ROSETT, JUDITH	DIETARY INTERVENTION--EVALUATION OF TECHNOLOGY	145,856
INSTITUTION TOTAL	9	942,050	
CITY TOTAL	79	8,769,682	
OSSINING			
BEHAVIORAL HEALTH SYSTEMS, INC.			
1R43 HL38555-01	SCHNEIDER, SID J	COMPUTERIZED TELEPHONE BASED SMOKING CESSATION SYSTEM	49,567
INSTITUTION TOTAL	1	49,567	
CITY TOTAL	1	49,567	
POUGHKEEPSIE			
VASSAR COLLEGE			
1R15 GM38455-01	TRAVIS, JEFFREY L	MOVING MICROTUBULES IN VIVO MODEL	48,917
INSTITUTION TOTAL	1	48,917	
CITY TOTAL	1	48,917	
PURCHASE			
MANHATTANVILLE COLLEGE			
1R15 GM37480-01A1	MOREHOUSE, SHEILA M	DNA BINDING OF COPPER COMPLEXES	38,410
INSTITUTION TOTAL	1	38,410	
STATE UNIVERSITY OF NEW YORK--COLLEGE AT PURCHASE			
1R15 GM37418-01A1	EHRMAN, LEE	EVALUATION OF MECHANISMS OF HOST-SYMBIONT RECOGNITION	49,965
INSTITUTION TOTAL	1	49,965	
CITY TOTAL	2	88,375	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
ROCHESTER			
EASTMAN DENTAL CENTER			
1S10 RR03371-01	FEATHERSTONE, JOHN D	SCANNING ELECTRON MICROSCOPE PURCHASE	92,000
INSTITUTION TOTAL	1	92,000	
UNIVERSITY OF ROCHESTER			
1R29 GM38953-01	FALANY, CHARLES N	HUMAN PLATELET PHENOL SULFOTRANSFERASES	56,434
1R01 NS25223-01	FELTEN, SUZANNE Y	TARGETS OF NE TERMINALS IN SECONARY LYMPHOID ORGANS	90,406
1S10 RR03305-01	FRANTZ, CHRISTOPHER N	SINGLE LASER CELL SORTER	189,000
1R01 DE08059-01	KATZBERG, RICHARD W	MAGNETIC RESONANCE IMAGING OF TEMPOROMANDIBULAR JOINT	120,978
1R01 HL38421-01	KING, KATHLEEN B	SOCIAL SUPPORT ON RECOVERY FROM HEART SURGERY	60,771
1S10 RR03151-01	KNIGGE, KARL M	IMAGE ANALYZER--ZEISS IBAS	165,000
1S15 GM39173-01	LICHTMAN, MARSHALL A	EQUIPMENT FOR UNIVERSITY OF ROCHESTER SCHOOL OF MEDICINE	82,366
1R01 ES04391-01	MAINES, MAHIN D	MULTIPLE FORMS OF HEME OXYGENASE: REGULATION BY TOXINS	106,399
1R01 GM37378-01A1	MILLER, MORTON W	BIOPHYSICAL ASPECTS OF ELECTRIC FIELD BIOEFFECTS	41,381
1S15 GM39110-01	PAPROCKI, RONALD J	ULTRACENTRIFUGE, VAX STATION II, SUN WORKSTATION	45,013
1R01 GM38775-01	PHIZICKY, ERIC M	ORGANIZATION OF TRNA PROCESSING IN YEAST	97,798
1R01 AI23774-01A1	ROBERTS, NORBERT J, JR	VIRAL INFECTION AND HUMAN IMMUNOREGULATION	77,687
1R01 ES04428-01	RODIER, PATRICIA M	ROLE OF HG DISTRIBUTION CNS TERATOGENICITY OF MEHG	54,638
1R01 NS24287-01A1	RODIER, PATRICIA M	DEVELOPMENTAL TOXICOLOGY OF NEUROENDOCRINE SYSTEMS	74,013
1R29 ES04433-01	SODERHOLM, SIDNEY C	DEPOSITION OF VOLATILE AEROSOLS IN THE RESPIRATORY TRACT	70,591
1R01 CA44127-01	SUTHERLAND, ROBERT M	RADIATION SENSITIZERS AND BIOREDUCTIVE DRUGS	121,628
INSTITUTION TOTAL	16	1,454,103	
CITY TOTAL	17	1,546,103	
SARANAC LAKE			
TRUDEAU INSTITUTE, INC.			
1R24 RR03732-01	JOHNSON, LAWRENCE L	IMPROVEMENT OF EXPERIMENTAL ANIMAL CAGE WASHING FACILITY	29,444
1S15 AI25387-01	NORTH, ROBERT J	COULTER COUNTER MODEL ZM WITH CHANNELIZER C256	13,959
INSTITUTION TOTAL	2	43,403	
CITY TOTAL	2	43,403	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R29 CA45241-01	ANDERSON, STEVEN M	MODULATION OF HEMATOPOIETIC STEM CELL PROLIFERATION	60,895
1R01 CA44673-01	HEARING, PATRICK	ANALYSIS OF A POLYOMAVIRUS ENHANCER & BINDING PROTEIN	86,748
1R29 EY07113-01	PETRY, HEYWOOD M	EARLY VISUAL EXPERIENCE: ROLE OF SPECTRAL ENVIRONMENT	73,684
1S10 RR03530-01	PILKIS, SIMON J	SHARED PS350 COMPUTER GRAPHICS SYSTEM	136,000
INSTITUTION TOTAL	4	357,327	
CITY TOTAL	4	357,327	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1R01 NS23812-01A1	COLLINS, GEORGE H	REGROWTH OF SPINAL CORD AXONS FOLLOWING COLD INJURY	93,624
1R01 CA45698-01	LANE, MICHAEL J	STUDIES OF ACTINOMYCIN D INDUCED DNA STRUCTURE	61,701
INSTITUTION TOTAL	2	155,325	
CITY TOTAL	2	155,325	
UPTON			
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY			
1R01 CA42446-01A1	CODERRE, JEFFREY A	P-BORONOPHENYLALANINE IN NEUTRON CAPTURE THERAPY	102,607
1R01 GM38803-01	HOUGH, PAUL V	INITIATION OF TRANSCRIPTION	85,284
INSTITUTION TOTAL	2	187,891	
CITY TOTAL	2	187,891	
UTICA			
MASONIC MEDICAL RESEARCH LABORATORY, INC.			
1R01 HL37396-01	ANTZELEVITCH, CHARLES	ELECTROPHYSIOLOGY OF CARDIAC ARRHYTHMIAS	177,704
INSTITUTION TOTAL	1	177,704	
SYRACUSE UNIVERSITY UTICA COLLEGE			
1R15 HL38656-01	CERNY, LAWRENCE C	WATER-SOLUBLE CAPPED PORPHYRIN	49,940
INSTITUTION TOTAL	1	49,940	
CITY TOTAL	2	227,644	
VALHALLA			
NEW YORK MEDICAL COLLEGE			
1R01 HL36264-01A2	HINTZE, THOMAS H	CHRONIC ELEVATION OF NE--CARDIAC & VASCULAR REGULATION	93,983
1R24 RR03721-01	STREBEL, RALPH F	EFFECTING AN IMPROVED ANIMAL RESOURCES FACILITY	500,000
INSTITUTION TOTAL	2	593,983	
CITY TOTAL	2	593,983	
STATE TOTAL	144	13,919,976	
NORTH CAROLINA			
BOONE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--APPALACHIAN STATE UNIVERSITY			
1R01 HD23038-01	DUNST, CARL J	SOCIAL SUPPORT IN FAMILIES--INFANT POOR DEVELOPMENT	84,062

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	84,062	
CITY TOTAL	1	84,062	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1R01 DE08005-01	BAYNE, STEPHEN C	BIOPSY AND ANALYSIS OF 5 TO 10 YEAR OLD COMPOSITES	107,286
1R29 GM38516-01	BEDINGER, PATRICIA A	MALE GAMETOPHYTE DEVELOPMENT IN MAIZE	78,690
1S15 AR39050-01	BONDURANT, STUART	ARGON LASER/WATERS HPLC SYSTEMR/LKB HPLC SYSTEM	86,057
1R35 CA44358-01	CHENG, YUNG-CHI	DEVELOPMENT OF ANTI-CANCER AND ANTI-VIRAL COMPOUNDS	275,970
1R01 CA44411-01	DIBIANCA, FRANK A	EVALUATION OF THE KCD DETECTOR FOR DIGITAL RADIOGRAPHY	211,175
1R01 HL37653-01A1	EDGELL, CORA-JEAN S	TRANSCRIPTIONAL REGULATION OF ENDOTHELIAL CELL FUNCTIONS	98,341
1R01 HL38783-01	FABER, JAMES E	NEURAL AND HUMORAL REGULATION OF THE MICROCIRCULATION	78,862
1R01 CA45022-01	FLETCHER, SUZANNE W	NEW HANOVER BREAST CANCER SCREENING PROGRAM	276,463
1R01 HL38885-01	GETTES, LEONARD S	ISCHEMIA & DRUG EFFECTS ON VENTRICULAR CONDUCTION	62,970
1R01 AG07218-01	HERMAN, BRIAN A	MECHANISMS OF CELL DEATH IN HEPATOCYTES	106,958
1R03 CA46437-01	HULKA, BARBARA S	ROLE OF HUMAN PAPILLOMAVIRUS IN CERVICAL NEOPLASIA	20,130
1S15 AI25383-01	IBRAHIM, MICHAEL A	ELISA READER, AUTOMATIC MICROELECTROBALANCE	13,387
1R01 CA47044-01	JULIANO, RUDOLPH L	TOXICITY OF MEMBRANE ACTIVE CHEMOTHERAPEUTIC AGENT	92,282
1R01 DE08035-01	KOCH, WILLIAM E	GROWTH AND DIFFERENTIATION IN EMBRYONIC FACIAL PRIMORDIA	70,550
1R01 HD21467-01A1	KOEPPE, JOHN K	CHARACTERIZATION OF INSECT JUVENILE HORMONE RECEPTORS	74,339
1R29 DE08013-01	MAIXNER, WILLIAM	MODULATION OF RESPONSE TO NOXIOUS ORAFACIAL STIMULUS	68,768
1R01 AI23985-01A1	NEWMAN, SIMON L	RECEPTOR FUNCTION ON HUMAN MONOCYTE/MACROPHAGES	78,073
1R01 NS25836-01	ROHWER, ROBERT G	PHYSICAL/CHEMICAL CHARACTERIZATION OF THE SCRAPIE AGENT	156,455
1S15 DK39417-01	SCOTT, TOM K	ULTRACENTRIFUGE, REFRIGERATED, SUPERSPEED CENTRIFUGE	44,044
1R29 CA45727-01	SIEGAL, GENE P	CHEMICAL PROGRESSION AND INHIBITION OF NEOPLASIA	61,065
1R01 HL38973-01	STAFFORD, DARREL W	MUTAGENESIS & FUNCTION OF HUMAN F IX IN BLOOD CLOTTING	128,526
1R29 AI24976-01	STAMM, LOLA V	SURFACE & EXTRACELLULAR ANTIGENS OF T PALLIDUM	70,111
1R29 HL38902-01	STILES, ALAN D	CELLULAR MECHANISMS OF LUNG DEVELOPMENT	56,848
1R01 ES04325-01	THURMAN, RONALD G	LIPID METABOLISM & PHTHALATE TOXICITY INTERACTIONS	97,132
1R01 CA43110-01A1	TLSTY, THEA D	CELLULAR ADAPTATION AND ENVIRONMENTAL CARCINOGENESIS	93,991
INSTITUTION TOTAL	25	2,508,473	
CITY TOTAL	25	2,508,473	
DAVIDSON			
DAVIDSON COLLEGE			
1R15 NS24948-01	RAMIREZ, JULIO J	BEHAVIORAL CORRELATES OF HIPPOCAMPAL NEUROPLASTICITY	49,973
1R15 GM38578-01	SCHUH, MERLYN D	PHOSPHORESCENT-PROBED HEME PROTEINS IN AQUEOUS SOLUTION	50,000
1R15 GM38468-01	WILLIAMSON, JOHN H	GENETIC REGULATION OF PYRIDINE DEHYDROGENASES	50,000
INSTITUTION TOTAL	3	149,973	
CITY TOTAL	3	149,973	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1S15 AI25400-01	ANLYAN, WILLIAM G	2 SCINTILLATION COUNTERS ULTRAMICROTOME PRINT PROCESSOR	92,295
1R01 GM38737-01	BELL, ROBERT M	MECHANISM OF PROTEIN KINASE C REGULATION	184,389
1R01 DE08060-01	BLAZER, DAN G, III	PIEDMONT 65+ DENTAL STUDY	300,263
1R01 HL39601-01	COLEMAN, R EDWARD	IMPROVED INSTRUMENTATION--DIAGNOSIS OF VENOUS THROMBOSIS	162,80
1R01 CA44640-01	FRIEDMAN, HENRY B	MELPHALAN CYTOTOXICITY AND RESISTANCE IN MEDULLOBLASTOMA	47,714
1R29 HL39124-01	GIL, KAREN M	SICKLE CELL DISEASE--ANALYSIS OF PAIN COPING STRATEGIES	55,253
1S10 RR03375-01	JASZCZAK, RONALD J	UPDATE OF DUKE RESEARCH SPECT SYSTEM	200,000
1R01 ES04187-01	JOHNSON, G ALLAN	IN VIVO ASSAY OF ENVIRONMENTAL TOXINS WITH MRI	137,330
1R01 DK37704-01A1	LEFURGEY, EDORIS A	HETEROGENEITY CELL CALCIUM DISTRIBUTION RENAL HYPOXIA	104,681
1R29 CA44734-01	LEWIS, JAMES G	XENOBIOTICS, INFLAMMATION AND CARCINOGENESIS	62,898
1R37 AG07198-01	MANTON, KENNETH G	FUNCTIONAL & HEALTH CHANGES OF THE ELDERLY--1982-1988	188,272
1P01 CA42745-01A1	OLESON, JAMES R	HYPERTHERMIA AND PERFUSION EFFECTS IN CANCER THERAPY	650,000
1R29 NS24577-01	SCHWARTZ, ROCHELLE D	REGULATION OF THE GABA RECEPTOR-CHLORIDE ION CHANNEL	66,086
1R01 CA44709-01	SHAW, BARBARA R	IONIZED BASE PAIRS AND CROSS-STRAND MUTAGENESIS	83,027
1R13 NS25017-01	SOMJEN, GEORGE G	SYMPOSIUM ON CEREBRAL HYPOXIA AND STROKE	12,432
INSTITUTION TOTAL 15		2,347,444	
PIEDMONT RESEARCH COMPANY			
1R43 CA44193-01	STUHLMILLER, GARY M	PURIFICATION OF MELANOMA 250 KD TUMOR ASSOCIATED ANTIGEN	49,646
INSTITUTION TOTAL 1		49,646	
CITY TOTAL 16		2,397,090	
GREENVILLE			
UNIVERSITY OF NORTH CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY			
1R01 DK38416-01	DOHM, GERALD L	MUSCLE GLUCOSE METABOLISM IN DIABETES AND EXERCISE	69,819
1S15 HL39514-01	MUSTAFA, S JAMAL	GAMMA COUNTER BECKMAN MODEL DP5500	13,856
INSTITUTION TOTAL 2		83,675	
CITY TOTAL 2		83,675	
MARS HILL			
MARS HILL COLLEGE			
1R15 GM38480-01	CROOM, JO ANN T	STUDY OF DNA REPAIR MECHANISMS IN HUMAN LYMPHOCYTES	49,988
INSTITUTION TOTAL 1		49,988	
CITY TOTAL 1		49,988	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
1R29 GM38659-01	MILLER, ERIC S	GENETIC ANALYSIS OF BACTERIOPHAGE T4 REGA PROTEIN-RNA	76,325
1S15 AI25403-01	STEVENS, C E	ULTRA-LOW CRYOSTAR FREEZER SYSTEM	5,925
INSTITUTION TOTAL	2	82,250	
CITY TOTAL	2	82,250	
RESEARCH TRIANGLE PARK			
RESEARCH TRIANGLE INSTITUTE			
1S15 CA46225-01	WALL, MONROE E	BAS 400 ELECTROCHEMICAL HPLC AND PACKARD 1500	12,130
INSTITUTION TOTAL	1	12,130	
CITY TOTAL	1	12,130	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
1R01 CA43191-01A1	DOELLGAST, GEORGE J	ELISA-ELCA, AN ULTRASENSITIVE IMMUNOASSAY	70,125
1R29 CA44597-01	FERNANDES, DANIEL J	ANTIMETABOLITES AND NUCLEAR MATRIX-BOUND DNA	56,771
1R29 AI25019-01	GIVNER, LAURENCE B	HYPERIMMUNE HUMAN IGG FOR TYPE III GROUP B STREPTOCOCCUS	65,981
1S15 AI25414-01	KUHN, RAYMOND E	CONTROLLED ENVIRONMENTAL CHAMBER	5,000
1R01 HL36377-01A2	VINTEN-JOHANSEN, JAKOB	REVASCULARIZATION OF ACUTE MYOCARDIAL INFARCTION	140,549
1R29 AI25037-01	WASHBURN, RONALD G	ASPERGILLUS FUMIGATUS COMPLEMENT INHIBITOR	87,600
1R01 CA45156-01A1	WHEELER, KENNETH T, JR	DNA DAMAGE & REPAIR IN IRRADIATED NORMAL & TUMOR CELLS	170,839
INSTITUTION TOTAL	7	596,865	
CITY TOTAL	7	596,865	
STATE TOTAL	58	5,964,506	
NORTH DAKOTA			
FARGO			
NORTH DAKOTA STATE UNIVERSITY			
1R01 DK37636-01	GLASS, THOMAS L	FUNCTION OF STEROID METABOLISM IN ANAEROBIC GUT BACTERIA	56,439
INSTITUTION TOTAL	1	56,439	
CITY TOTAL	1	56,439	
GRAND FORKS			
UNIVERSITY OF NORTH DAKOTA			
1S15 DK39405-01	KNULL, HARVEY R	SPECTROFLUOROMETER	6,003
INSTITUTION TOTAL	1	6,003	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	6,003	
STATE TOTAL	2	62,442	
OHIO			
AKRON			
UNIVERSITY OF AKRON			
1R15 CA45892-01	LEDINKO, NADA	RETINOIDS AND HUMAN TUMOR CELL INVASION IN VITRO	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
ATHENS			
OHIO UNIVERSITY ATHENS			
1R01 NS23498-01A1	PETERSON, ELLENGENE H	VESTIBULOSPINAL CONTROL OF CERVICAL MOTORNEURONS	69,490
INSTITUTION TOTAL	1	69,490	
CITY TOTAL	1	69,490	
BOWLING GREEN			
BOWLING GREEN STATE UNIVERSITY AT BOWLING GREEN			
1S15 CA46228-01	NECKERS, DOUGLAS C	SEMI-PREPARATIVE HIGH PERFORMANCE LIQUID	4,735
INSTITUTION TOTAL	1	4,735	
CITY TOTAL	1	4,735	
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER			
1R29 ES04402-01	COLLINS, MICHAEL D	NEURAL TUBE DEFECTS INDUCED BY ANIONS VIA INCREASED PHI	62,081
1R29 CA44611-01	DEGEN, JAY L	PROTEIN PHOSPHORYLATION AND PLASMINOGEN ACTIVATOR	60,353
1R01 HD21311-01A1	KALTER, HAROLD	NUTRITION AND NEURAL TUBE DEVELOPMENT	47,593
1R01 HL38859-01	WHITSETT, JEFFREY A	PERINATAL EXPRESSION OF SURFACTANT PROTEIN GENE	105,080
INSTITUTION TOTAL	4	275,107	
CHRIST HOSPITAL--JAMES N. GAMBLE INSTITUTE OF MEDICAL RESEARCH			
1S15 AI25402-01	BERNSTEIN, DAVID I	BLOOD CELL COUNTER-COULTER COUNTER, MODEL ZF	5,000
INSTITUTION TOTAL	1	5,000	
ENVIRONMENTAL HEALTH RESEARCH AND TESTING, INC.			
1R43 CA45110-01	PEREIRA, MICHAEL A	INITIATION-PROMOTION BIOASSAY IN LIVER	23,209
INSTITUTION TOTAL	1	23,209	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1R29 DK38570-01	BERGER, MARC L	ROLE OF ARACHIDONATE METABOLISM IN HYPOXIC LIVER INJURY	65,100
1R01 CA39396-01A1	BOBST, ALBERT M	BINDING OF ANTHRACYCLINES TO ESR ACTIVE NUCLEIC ACIDS	25,717
1R01 ES04099-01A1	HASTINGS, LLOYD	SENSORY NEUROTOXICOLOGY--TOXIC METALS AND OLFACTION	136,451
1R01 HD19976-01A1	HERTZBERG, VICKI S	STATISTICAL METHODS FOR REPRODUCTIVE EPIDEMIOLOGY	42,236
1R01 ES04125-01A1	O'FLAHERTY, ELLEN J	PHYSIOLOGICAL TOXICOKINETIC MODEL FOR LEAD	54,103
1R29 HL38764-01	RICE, WARD R	PURINOCEPTOR CONTROL OF SURFACTANT SECRETION	54,269
1R15 GM38685-01	SAKR, AHMED A	EFFECT OF FORMULATION IN BIOAVAILABILITY OF DIURETICS	50,000
INSTITUTION TOTAL 7		427,876	
CITY TOTAL 13		731,192	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1S15 HL39563-01	BEHRMAN, RICHARD E	AUTOCLAVE, FPLC, RECORDER, CENTRIFUGES, FREEZER	84,730
1R29 AI24988-01	DAVIS, ALAN H	MOLECULAR CHARACTERIZATION OF S MANSONI HEMOGLOBINASE	63,482
1R01 HD21947-01A1	DETTERMAN, DOUGLAS K	MENTAL RETARDATION, COGNITION, AND ACHIEVEMENT IN TWINS	110,839
1R01 DK38575-01	ENNEVER, JOHN F	PHOTOCHEMISTRY AND PHYSIOLOGY OF BILIRUBIN	85,429
1R01 NS22571-01A3	LAMANNA, JOSEPH C	FOCAL STROKE: METABOLISM & PH USING NEUTRAL RED	105,046
1R01 NS24309-01A1	LIUZZI, FRANCIS J	AXON-GLIAL INTERACTIONS IN CNS REGENERATION	52,000
1R01 HL38926-01	SUPINSKI, GERALD S	RELATIONSHIP BETWEEN DIAPHRAGM BLOOD FLOW & ENDURANCE	62,332
1R01 DE07648-01A1	TANDLER, BERNARD	COMPARATIVE SALIVARY GLAND ULTRASTRUCTURE	99,652
1R01 NS23527-01A1	TERRELL, BRENDA Y	COGNITIVE FACTORS IN SPECIFIC LANGUAGE IMPAIRMENT	61,914
1R01 HL38701-01	VAN LUNTEREN, ERIK	NEURAL CONTROL RESPIRATORY MUSCLES DURING EXPIRATION	75,822
INSTITUTION TOTAL 10		801,246	
CLEVELAND RESEARCH INSTITUTE			
1R01 HL39153-01	SKRINSKA, VICTOR A	DIETARY SUPPLEMENTS OF OMEGA-3 FATTY ACIDS IN DIABETES	103,004
INSTITUTION TOTAL 1		103,004	
CITY TOTAL 11		904,250	
COLUMBUS			
CHILDREN'S HOSPITAL			
1S15 CA46201-01	MORROW, GRANT	BIO IMAGE DESK TOP ANALYZER	10,277
INSTITUTION TOTAL 1		10,277	
INTERNATIONAL ASSOCIATION FOR COMPARATIVE RESEARCH ON LEUKEMIA AND RELATED DISEASES			
1R13 CA45890-01	YOHN, DAVID S	INTERNATIONAL SYMPOSIUM--COMPARATIVE LEUKEMIA RESEARCH	15,000
INSTITUTION TOTAL 1		15,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
1R01 CA43365-01A1	AU, JESSIE L	INTESTINAL TOXICITY OF 5-FLUOROURACIL AND LEUCOVORIN	54,146
1S10 RR03481-01	BERLINER, LAWRENCE J	PURCHASE OF AN ELECTRON SPIN RESONANCE SPECTROMETER	103,000
1R01 HD21130-01A1	BROOKS, CHARLES L	ACUTE REGULATION OF CASEIN SECRETION AND DEGRADATION	87,133
1R01 CA45611-01	CHIU, ING-MING	MOLECULAR AND FUNCTIONAL ANALYSIS OF HUMAN CLASS 1 HBGF	116,608
1S15 CA46203-01	CORNWELL, DAVID G	DNA SYNTHESIZER--REFRIGERATED MICROFUGE	43,68
1R13 DE07557-01A1	DAVIDOVITCH, ZEEV	BIOLOGICAL MECHANISMS OF TOOTH ERUPTION & ROOT	34,068
1R03 DE07849-01A1	FEINBERG, STEPHEN E	INTRAORAL GRAFTING OF MUCOSAL EQUIVALENTS & PRODUCTION	15,000
1S10 RR03449-01	HILLE, CHARLES R	BIOCHEMICAL APPLICATIONS OF AN EPR SPECTROMETER	253,000
1R01 NS23159-01A2	HO, RAYMOND H	SOMATOSTATIN IN SPINAL SENSORY CIRCUITS	81,842
1R01 NS25095-01	MARTIN, GEORGE F	DEVELOPMENTAL PLASTICITY OF DESCENDING SPINAL PATHWAYS	81,643
1S15 CA46151-01	MATHES, LAWRENCE E	PERKIN-ELMER MODEL LS-5B LUMINESCENCE SPECTROPHOTOMETER	14,484
1R01 NS23627-01A2	NEFF, NORTON H	CHOLINERGIC SYSTEMS AND MPTP NEUROTOXICITY	95,413
1S10 RR03461-01	OLSEN, RICHARD G	UPGRADE--EPIC 741 TO 573 CELL SORTER/SORT LOCK/EASY 88	137,000
1S15 HL39486-01	PATHAK, DEV S	PICA MODEL 660, PC-BASED MOLECULAR MODELING SYSTEM	10,022
1R01 HL38776-01	SMITH, JACK W, JR	INVESTIGATION OF PROBLEM-SOLVING & MAN-MACHINE SYSTEMS	290,067
1R29 CA45208-01	SNAPKA, ROBERT M	ABERRANT PAPOVAVIRUS REPLICATION AFTER GENOTOXIC DAMAGE	54,276
1S15 GM39138-01	SWEENEY, THOMAS L	FIXED ANGLE ROTOR & OTHER EQUIPMENT	37,154
1R01 HD22024-01	TASSAVA, ROY A	AMPHIBIAN LIMB REGENERATION--BLASTEMA ANTIGENS	99,528
INSTITUTION TOTAL 18		1,608,071	
CITY TOTAL 20		1,633,348	
DAYTON			
WRIGHT STATE UNIVERSITY			
1R03 EY07100-01	LEFFAK, IRA M	CDNA CLONES RELATED TO RETINAL FUNCTION	15,000
INSTITUTION TOTAL 1		15,000	
CITY TOTAL 1		15,000	
MAUMEE			
ANATRACE, INC.			
1R43 HL35989-01A2	GRAY, DON N	COMPOSITE, HOLLOW FIBER MEMBRANE OXYGENATION DEVICE	23,600
INSTITUTION TOTAL 1		23,600	
CITY TOTAL 1		23,600	
MIDDLEBURG HEIGHTS			
CONTROLSOFT, INC.			
1R43 GM36774-01A1	CHIA, TIEN-LI	ADAPTIVE CONTROL OF AUTOMATIC DRUG DELIVERY SYSTEMS	49,386
INSTITUTION TOTAL 1		49,386	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	49,386	
OHIO			
OXFORD			
MIAMI UNIVERSITY OXFORD			
1R15 GM38444-01	DANIELSON, NEIL D	COLUMN PACKINGS FOR FAST HPLC OF BIOMOLECULES	49,742
1R15 AR37822-01A1	HOUK, THOMAS W	HETEROBIFUNCTIONAL CROSSLINKERS: EFFECT ON THIN FILAMENT	32,327
1R15 GM38449-01	NOVAK, MICHAEL	SOLUTION CHEMISTRY OF N-ACETYL-P-BENZOQUINONE IMINE	42,859
1R15 ES04384-01	ORIS, JAMES T	PHARMACOTROPHIC DYNAMICS OF SEDIMENT POLLUTANTS	49,139
INSTITUTION TOTAL	4	174,067	
CITY TOTAL	4	174,067	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
1S15 DK39392-01	CLIFFORD, DONALD H	SPECTROPHOTOMETER/GAMMA COUNTER/RECORDER/ILLUMINATOR	28,578
1R01 NS23598-01A1	DOKAS, LINDA A	BIOCHEMICAL INTERACTIONS OF ACEYTLCHOLINE	77,300
INSTITUTION TOTAL	2	105,878	
CITY TOTAL	2	105,878	
STATE TOTAL	56	3,760,946	
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA NORMAN			
1S15 AI25419-01	HOVING, KENNETH L	BECKMAN LS1801 LIQUID SCINTILLATION COUNTER	17,126
INSTITUTION TOTAL	1	17,126	
CITY TOTAL	1	17,126	
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION			
1R01 ES04296-01	CHEVION, MORDECHAI	BIOLOGY OF PARAQUAT, FREE RADICALS & TRACE METALS	184,228
INSTITUTION TOTAL	1	184,228	
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1S15 AR39054-01	SOKATCH, JOHN R	KODAK M-35 FILM DEVELOPER/BECKMAN J2-21 CENTRIFUGE	15,631
INSTITUTION TOTAL	1	15,631	
CITY TOTAL	2	199,859	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	3	216,985	
OREGON			
BEAVERTON			
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH			
1S15 GM39152-01	LOEHR, THOMAS M	PHOTODIODE ARRAY SPECTROPHOTOMETER	8,018
INSTITUTION TOTAL	1	8,018	
CITY TOTAL	1	8,018	
BEND			
BEND RESEARCH, INC.			
1R43 AI24851-01	RADOVICH, JOHN M	ELECTROMICROFILTRATION FOR MONOCLONAL ANTIBODY RECOVERY	27,350
INSTITUTION TOTAL	1	27,350	
CITY TOTAL	1	27,350	
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
1R01 GM39014-01	FEYEREISEN, RENE	INSECT CYTOCHROME P-450 MONOOXYGENASES GENES	67,200
1S15 GM39151-01	MATHEWS, CHRISTOPHER K	HPLC AND FLOW-THROUGH RADIOACTIVITY DETECTOR	39,147
INSTITUTION TOTAL	2	106,347	
CITY TOTAL	2	106,347	
EUGENE			
MOLECULAR PROBES, INC.			
1R43 GM38987-01	HAUGLAND, RICHARD P	SYNTHESIS OF NEW FLUORESCENT SUBSTRATES	42,336
INSTITUTION TOTAL	1	42,336	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
1R23 HL39664-01	BEDFORD, TOBY	CENTRAL COMMAND REGULATION OF CIRCULATION IN EXERCISE	37,500
INSTITUTION TOTAL	1	37,500	
CITY TOTAL	2	79,836	
PORTLAND			
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER			
1R29 EY07089-01	POLANS, ARTHUR S	BIOCHEMICAL STUDIES OF ROD OUTER SEGMENT PLASMA MEMBRANE	74,863
INSTITUTION TOTAL	1	74,863	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
PORTLAND			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY			
1R29 NS25234-01	HARTSHORNE, ROBERT P	MOLECULAR STRUCTURE & FUNCTION OF NA+ CHANNELS	99,106
1R29 GM38696-01	LEWIS, ELAINE J	REGULATED EXPRESSION--CATECHOLAMINE BIOSYNTHESIS GENES	73,480
1R29 HD23293-01	ROSELLI, CHARLES E	CELLULAR MECHANISMS OF ANDROGEN ACTION IN BRAIN	65,294
1R01 HL38940-01	SURPRENANT, ANNMARIE	ARTERIAL SMOOTH MUSCLE ELECTROPHYSIOLOGY	68,060
1R29 GM38788-01	UHLER, MICHAEL D	CYLIC AMP REGULATION OF PROTEIN SERETION	66,299
INSTITUTION TOTAL	5	372,239	
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY			
1S15 ES04501-01	SMEJTEK, PAVEL K	HEWLETT PACKARD 50 MHZ PROGRAMMABLE SIGNAL SOURCE MODEL	5,000
INSTITUTION TOTAL	1	5,000	
CITY TOTAL	7	452,102	
STATE TOTAL	13	673,653	
PENNSYLVANIA			
BETHLEHEM			
LEHIGH UNIVERSITY			
1S15 CA46183-01	HEINDEL, NED D	SCANNING DENSITOMETER	5,582
1R15 NS24974-01	SIMON, NEAL G	NEUROENDOCRINE REGULATION OF AGGRESSIVE BEHAVIOR	50,000
1R15 GM38574-01	WARE, VASSIE C	IDENTIFICATION OF TRANSPORT DOMAINS IN RIBOSOMAL RNA	49,000
INSTITUTION TOTAL	3	104,582	
CITY TOTAL	3	104,582	
BRYN MAWR			
BRYN MAWR COLLEGE			
1R15 NS24968-01	GROBSTEIN, PAUL	BRAIN ORGANIZATION UNDERLYING ORIENTING TO TACTILE INPUT	49,400
INSTITUTION TOTAL	1	49,400	
CITY TOTAL	1	49,400	
HAVERFORD			
HAVERFORD COLLEGE			
1R15 GM34451-01A2	SANTER, MELVIN	SITE-SPECIFIC MUTATION IN RRNA AND RIBOSOME FUNCTION	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
1S15 CA46241-01	EVARTS, C MC COLLISTER	MICROSCOPE IMAGE ANALYSIS SYSTEM AND OTHER EQUIPMENT	76,236
INSTITUTION TOTAL	1	76,236	
CITY TOTAL	1	76,236	
LEWISBURG			
BUCKNELL UNIVERSITY			
1R15 CA45150-01	KASTNER, MARGARET E	POTENTIAL MAGNETIC RESONANCE IMAGING AGENTS	38,843
INSTITUTION TOTAL	1	38,843	
CITY TOTAL	1	38,843	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
1R01 AI25129-01	CONLEY, MARY E	GENETIC ASPECTS OF IMMUNODEFICIENCY	125,962
1R01 NS25044-01	PLEASURE, DAVID E	OLIGODENDROGLIAL PROLIFERATION AND DIFFERENTIATION	117,779
INSTITUTION TOTAL	2	243,741	
DREXEL UNIVERSITY			
1S15 DK39424-01	FERRONE, FRANK A	DIODE ARRAY SPECTROPHOTOMETER	10,117
INSTITUTION TOTAL	1	10,117	
FERTILITY TESTING LABORATORY			
1R43 HD23067-01	GOLDMAN, NEIL B	COMPUTERIZED SPERM MOTION ANALYSES--CLINICAL TRIALS	48,944
INSTITUTION TOTAL	1	48,944	
FOX CHASE CANCER CENTER			
1P01 CA41078-01A1	BROWN, TRUMAN R	NMR STUDIES OF TUMOR DEVELOPMENT AND METABOLISM	472,925
1S15 CA46154-01	COMIS, ROBERT	IMAGE PROCESSOR & A HPLC	19,121
1R01 CA43217-01A1	LONDON, W THOMAS	PREVENTION OF LIVER CANCER--EAST ASIANS IN PHILADELPHIA	169,005
INSTITUTION TOTAL	3	661,051	
GRADUATE HOSPITAL			
1R01 HL39388-01	COX, ROBERT H	ARTERIAL SMOOTH MUSCLE IN OBESITY-RELATED HYPERTENSION	78,344
INSTITUTION TOTAL	1	78,344	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
HAHNEMANN UNIVERSITY			
1R29 GM39588-01	BRADFORD, PETER G	CHARACTERIZATION OF THE LEUKOCYTE INS (1,4,5)P3 RECEPTOR	68,865
1R01 NS25809-01	SMITH, SHERYL S	SYNAPTIC & BEHAVIORAL EFFECTS OF SEX STEROIDS	53,902
1S15 AI25392-01	ZWERLING, ISRAEL	ULTRACENTRIFUGE AND HIGH PERFORMANCE LIQUID CHROMATOGRA	48,365
INSTITUTION TOTAL	3	171,132	
IDA, INC.			
1R43 DK39500-01	MAINIGI, KUSUM K	IMPROVED LONGBONE MEASURING DEVICE	37,480
INSTITUTION TOTAL	1	37,480	
INSTITUTE FOR CANCER RESEARCH			
1S15 CA46198-01	DURANT, JOHN R	CRYOSTAT, OPTICAL DISK, ROTORS, FPLC SYSTEM	39,400
1S10 RR03385-01	WAND, A JOSHUA	PURCHASE OF VARIAN VXR-200 NMR SPECTROMETER	130,000
INSTITUTION TOTAL	2	169,400	
MEDICAL COLLEGE OF PENNSYLVANIA			
1R29 AI24989-01	REPIK, PATRICIA M	MOLECULAR INVESTIGATION OF THE ECOLOGY OF EEE VIRUS	61,607
INSTITUTION TOTAL	1	61,607	
MONELL CHEMICAL SENSES CENTER			
1R01 DK39180-01	FRANKMANN, SANDRA P	PRIOR HISTORY AND SALT INTAKE	40,594
1R24 RR03773-01	KARE, MORLEY R	CENTRALIZATION OF ANIMAL CARE FACILITY	500,000
1S15 DK39399-01	KARE, MORLEY R	SCINTILLATION COUNTER--OXYGEN ANALYZER	16,282
INSTITUTION TOTAL	3	556,876	
PENNSYLVANIA COLLEGE OF OPTOMETRY			
1R01 EY07158-01	ARI, SITARAMAYYA	KINETICS OF RECOVERY FROM PHOTORESPONSE IN RODS	111,085
INSTITUTION TOTAL	1	111,085	
PENNSYLVANIA HOSPITAL			
1S15 CA46234-01	LING, GILBERT N	VARIAN SPECTRA-10 SINGLE BEAM AA SPECTROPHOTOMETER	9,458
INSTITUTION TOTAL	1	9,458	
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE			
1R15 HL38858-01	ANDO, HOWARD Y	MAGNETICALLY GUIDED FIBRINOLYSIS	49,781
INSTITUTION TOTAL	1	49,781	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
PHILADELPHIA GERIATRIC CENTER-FRIEDMAN HOSPITAL OF HOME FOR JEWISH AGED			
1R37 AG07001-01	LAWTON, M POWELL	AFFECT, NORMAL AGING, AND PERSONAL COMPETENCE	125,279
INSTITUTION TOTAL	1	125,279	
TEMPLE UNIVERSITY			
1S15 CA46242-01	GOLDBERG, MARTIN	SMALL INSTRUMENTATION PROGRAM	62,856
1R01 HL40295-01	KELSEN, STEVEN G	RESPIRATORY MUSCLE FUNCTION IN HEALTH AND DISEASE	47,885
1R01 NS25196-01	PEARSON, HELEN E	TRANSNEURONAL DEGENERATION IN THE CENTRAL NERVOUS SYSTEM	52,325
1R01 HL39238-01	SCHICK, PAUL K	EFFECTS OF POLYUNSATURATED FATTY ACIDS ON MEGAKARYOCYTES	81,865
1R01 HD21676-01	ZISKIN, MARVIN C	ULTRASONIC BIOEFFECTS ON MAMMALIAN DEVELOPMENT	97,985
INSTITUTION TOTAL	5	342,916	
THOMAS JEFFERSON UNIVERSITY			
1R29 GM38483-01	CHRISTENSEN, ALAN C	MOLECULAR GENETICS OF GENE DOSAGE COMPENSATION AND SEX	59,989
1R01 CA42210-01A1	LEEPER, DENNIS B	HYPERTHERMIA RESPONSE OF BONE MARROW STEM CELLS	99,607
1R01 CA44431-01	LEEPER, DENNIS B	PH, HYPERGLYCEMIA AND HYPERTHERMIA IN HUMAN TUMORS	60,544
INSTITUTION TOTAL	3	220,140	
UNIVERSITY CITY SCIENCE CENTER			
1S10 RR03474-01	KALLENBACH, NEVILLE	COMPUTER SYSTEM FOR ANALYSIS IN STRUCTURAL BIOLOGY	182,000
1S15 HL39535-01	KEFALIDES, NICHOLAS A	REQUEST FOR AN EAGLE GRAVITY STEAM STERILIZER	24,030
1R13 NS24812-01	SHAPIRO, HOWARD K	1987 INTERNATIONAL SYMPOSIUM ON CHARCOT-MARIE-DISEASE	15,000
INSTITUTION TOTAL	3	221,030	
UNIVERSITY OF PENNSYLVANIA			
1S15 GM39146-01	COOPERMAN, BARRY S	ULTRACENTRIFUGE LIQUID SCINTILLATION COUNTER OPLC	58,461
1R29 GM38894-01	ECKER, JOSEPH R	MOLECULAR GENETICS OF STRESS-RESPONSES IN ARABIDOPSIS	59,981
1R13 CA45764-01	EISENBERG, ROSELYN J	TWELFTH INTERNATIONAL HERPESVIRUS WORKSHOP	10,000
1R01 HL36708-01A1	ELIAS, JACK A	MODULATORS OF PULMONARY FIBROSIS	82,919
1R29 GM38857-01	FERNANDEZ, JULIO M	STIMULUS-SECRETION COUPLING IN MAST CELLS	73,080
1R13 HL39756-01	FISHER, ARON B	SYMPOSIUM ON EXTENSION OF OXYGEN TOLERANCE	6,342
1R29 AI24888-01	GONZALEZ-SCARANO, FRANCISCO	FUSION FUNCTION OF LA CROSSE BUNYAVIRUS	76,400
1R01 HD20531-01A1	GRISSO, JEANE A	ADVERSE EFFECTS OF DIAGNOSTIC ULTRASOUND IN PREGNANCY	147,955
1R01 DE08063-01	HEROLD, RICHARD C	ENAMEL PROTEINS ANALYSIS USING MONOCLONAL ANTIBODIES	122,875
1R01 AG05707-01A1	IOZZO, RENATO V	PROTEOGLYCANS AND AGING VASCULAR CELLS	79,482
1R01 CA44580-01	JOSEPH, PETER M	MULTINUCLEAR MRI OF TUMORS IN ANIMALS	111,308
1S15 HL39518-01	KELLY, ALAN M	LKB DENSITOMETER-HPLC AUTOINJECTOR, SORVALL REFRIGERATED	32,472
1R01 HD22732-01	KOPF, GREGORY S	MECHANISMS OF MAMMALIAN FERTILIZATION/POLYSPERMY BLOCK	76,331
1S10 RR03368-01	MUEHLLEHNER, GERD	MEDICAL IMAGE ANALYSIS NETWORK	161,000

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1R01 HL39208-01	OSBAKKEN, MARY D	31P MRS STUDY OF HEART ENERGETICS DURING VOLUME LOADING	79,345
1R01 EY07112-01	PALMER, LARRY A	SPATIOTEMPORAL ORGANIZATION OF SIMPLE RECEPTIVE FIELDS	59,720
1S15 AR39042-01	ROSENBLOOM, JOEL	ULTRACENTRIFUGE AND FIXED AND VERTICAL ROTORS	38,984
1R24 RR03737-01	ROZMIAREK, HARRY	IMPROVEMENT OF ULAR FACILITIES	500,000
1R29 AR38976-01	SAFER, DANIEL	CROSSBRIDGE STRUCTURE & GEOMETRY	75,212
1R01 HD22681-01	SCHULTZ, RICHARD M	PROTEIN PHOSPHORYLATION IN PREIMPLANTATION DEVELOPMENT	92,825
1R01 AG05590-01A1	SELIGMAN, MARTIN E	EXPLANATORY STYLE/PREDICTOR OF MORTALITY & MORBIDITY	89,975
1R29 CA45690-01	SPITALNIK, STEVEN L	SHEDDING, SECRETION, & TRANSFER OF GLYCOSPHINGOLIPIDS	59,074
1R01 HD21926-01	TEUSCHER, CORY	INFERTILITY AND TESTICULAR AUTOIMMUNITY	78,002
1R01 HL37421-01A1	WAGERLE, LORIN C	MECHANISMS OF CEREBROVASCULAR RESPONSE TO HYPOXIA	67,662
1R01 AR38501-01	ZURIER, ROBERT B	MARINE LIPIDS AND HUMAN SYNOVIAL CELLS	68,764
INSTITUTION TOTAL	25	2,308,169	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 CA43735-01	HERLYN, DOROTHEE	INDUCTION OF ANTI-TUMOR IMMUNITY BY ANTI-IDIOTYPES	130,231
1R01 CA44877-01	HERLYN, MEENHARD	GROWTH REGULATION IN NORMAL AND MALIGNANT CELLS	86,520
1R01 GM37762-01A1	HOWE, CHIN C	GENE EXPRESSION AND MAMMALIAN DEVELOPMENT	110,630
1S15 CA46170-01	KOPROWSKI, HILARY	CELL FREEZING APPARATUS ULTRACENTRIFUGE & TOW LS COUNTER	70,309
1R01 CA44463-01	REDDY, PREMKUMAR E	MOLECULAR MECHANISMS--ACTIVATING MYELOID-B ONCOGENE	105,616
1R01 HL38794-01	SPEICHER, DAVID W	MEMBRANE PROTEINS OF NORMAL AND ABNORMAL HUMAN RED CELLS	158,422
1R01 CA45277-01	STAMATO, THOMAS D	ISOLATION OF RADIATION SENSITIVE MAMMALIAN CELL	121,858
INSTITUTION TOTAL	7	783,586	
CITY TOTAL	65	6,210,136	
PITTSBURGH			
ALLEGHENY HEALTH SERVICES, INC.--ALLEGHENY-SINGER RESEARCH INSTITUTE			
1S15 CA46224-01	OKUNEWICK, JAMES P	IEC MODEL CRU 5000 REFRIGERATED CENTRIFUGE	3,968
INSTITUTION TOTAL	1	3,968	
CARNEGIE-MELLON UNIVERSITY			
1S15 GM39113-01	JORDAN, ANGEL G	SMALL INSTRUMENTATION PROGRAM	38,552
1R01 CA45047-01	PRESTON, KENDALL, JR	QUANTITATION OF LYMPH NODE DISEASES	79,530
INSTITUTION TOTAL	2	118,082	
CHILDREN'S HOSPITAL OF PITTSBURGH			
1R29 NS24965-01	BLATT, JULIE	THERAPEUTIC ROLE OF FERRITIN IN NEUROBLASTOMA	70,000
INSTITUTION TOTAL	1	70,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
DUQUESNE UNIVERSITY			
1R15 GM38443-01	SOLAIMAN, DANIEL	INTRINSIC METAL IN BETA SUBUNIT OF RNA POLYMERASE	49,800
INSTITUTION TOTAL	1	49,800	
MONTEFIORE HOSPITAL			
1S15 DK39411-01	MENDELOW, HARVEY	CASTLE M/C 3522, GRAVITY LABORATORY STERILIZER	12,441
INSTITUTION TOTAL	1	12,441	
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1S15 AI25395-01	BERNIER, GEORGE M, JR	NUCLEIC ACID EXTRACTOR, SPECTROFLUOROMETER	84,979
1S15 GM39128-01	CHUNG, ALBERT E	SCINTILLATION COUNTER & PREPARATIVE ULTRACENTRIFUGE	42,126
1R01 HL37553-01A1	DAUBER, JAMES H	MACROPHAGE DEFENSE MECHANISMS IN HUMAN LUNG ALLOGRAFTS	78,948
1S15 HL39561-01	DUNCAN, EDGAR N	PHARMACIA FRAC 300, LAMINAR FLOW CABINET, PROBE TECH I	31,144
1R01 GM32918-01A1	FUREY, WILLIAM F, JR	PHASING MACROMOLECULAR STRUCTURES	50,100
1R01 HL36735-01A1	KAPOOR, WISHWA N	IDENTIFYING HIGH RISK PATIENTS WITH SYNCOPE	94,200
1R01 CA43909-01A1	LOCKER, JOSEPH D	DEVELOPMENTAL & NEOPLASTIC GENE EXPESSION IN THE LIVER	141,973
1R01 HL38712-01	MATTHEWS, KAREN A	CHD RISK, BEHAVIORAL STRESS, AND REPRODUCTIVE HORMONES	172,846
1R01 DE07693-01A1	MOORE, PAUL A	EFFICACY AND SAFETY OF NARCOTICS FOR PEDIATRIC SEDATION	74,270
1R01 HL39234-01	SHIFFMAN, SAUL	STRESS AND STRESS REACTIVITY IN SMOKING RELAPSE	127,369
1R01 HD21516-01A1	STOUTHAMER-LOEBER, MADGA	DEVELOPMENT OF TRUTHFULNESS AND LYING IN YOUNG CHILDREN	87,518
1R01 AG05579-01A1	TAYLOR, JEROME	FACTORS AFFECTING HEALTH OF BLACK WOMEN 25-65 YEARS OLD	119,721
1R01 AR38698-01	TURK, DENNIS C	CLBP: BIOBEHAVIORAL FACTORS IN MAINTENANCE & TREATMENT	90,969
1R01 CA42922-01A1	VLOCK, DANIEL R	IMMUNOBIOLOGY OF MELANOMA	55,541
INSTITUTION TOTAL	14	1,251,704	
CITY TOTAL	20	1,505,995	
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1S15 DK39387-01	ZIMMERMAN, LEONARD N	FERMENTOR, SPECTROPHOTOMETER, MONOLAYER FILM TROUGH	55,141
INSTITUTION TOTAL	1	55,141	
CITY TOTAL	1	55,141	
VILLANOVA			
VILLANOVA UNIVERSITY			
1R01 HD21209-01A1	TOPPINO, THOMAS C	FACTORS AFFECTING DEVELOPMENT OF SPACING AND LAG EFFECTS	34,489
INSTITUTION TOTAL	1	34,489	
CITY TOTAL	1	34,489	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	94	8,124,822	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
1R13 DK39022-01	AL-AWGATI, QAIS	GORDON CONFERENCE ON MEMBRANE TRANSPORT PHENOMENA	4,000
1R13 CA45554-01	AUST, STEVEN D	1987 GORDON RESEARCH CONFERENCE MECHANISMS OF TOXICITY	13,000
1R13 GM38892-01	BARTLETT, PAUL A	1987 GORDON RESEARCH CONFERENCE: ENZYMES & COENZYMES	3,000
1R13 HL39110-01	BENNETT, GEORGE V	GORDON CONFERENCE ON THE RED CELL	10,000
1R13 HL38825-01	BIERMAN, EDWIN L	GORDON RESEARCH CONFERENCE ON ATHEROSCLEROSIS 1987	10,000
1R13 GM38762-01	BOURNE, HENRY R	GORDON CONFERENCE ON MOLECULAR PHARMACOLOGY	5,000
1R13 DK38904-01	CLARK, JAMES H	GORDON RESEARCH CONFERENCE ON HORMONE ACTION	5,000
1R13 GM38880-01	COZZARELLI, NICHOLAS R	GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS	3,000
1R13 GM38730-01	DAMSKY, CAROLINE H	CONFERENCE ON CELL CONTACT AND ADHESION	5,000
1R13 AR38831-01	GOLDSMITH, LOWELL A	GORDON RESEARCH CONFERENCE ON EPITHELIAL DIFFERENTIATION	13,205
1R13 HD23418-01	HEDRICK, JERRY L	GORDON RESEARCH CONFERENCE ON FERTILIZATION	6,406
1R13 CA46061-01	HEPPNER, GLORIA H	GORDON CONFERENCE ON CANCER, 1987	7,088
1R13 CA45891-01	HORWITZ, SUSAN B	CONFERENCE GRANT	8,000
1R13 AR38323-01	LANDIS, WILLIAM J	GORDON RESEARCH CONFERENCE ON CALCIUM PHOSPHATES, 1987	5,500
1R13 CA45137-01	MARTON, LAURENCE J	POLYAMINES & CANCER	5,000
1R13 CA45829-01	MATHER, IAN H	GORDON RESEARCH CONFERENCE ON MAMMARY GLAND BIOLOGY	8,445
1R13 HL38268-01	MECHAM, ROBERT P	1987 GORDON RESEARCH CONFERENCE ON ELASTIN	11,000
1R13 GM38845-01	ORKIN, STUART H	GORDON RESEARCH CONFERENCE ON MOLECULAR GENETICS	13,000
1R13 GM38806-01	PERKINS, JOHN P	GORDON RESEARCH CONFERENCE ON SECOND MESSENGERS	4,000
1R13 GM38901-01	SIMON, MELVIN I	BIOLOGICAL REGULATORY MECHANISMS	3,000
1R13 ES04401-01	THILLY, WILLIAM G	GORDON CONFERENCE ON GENETIC TOXICOLOGY	5,000
1R13 DK38390-01	VANCE, DENNIS E	1987 LIPID METABOLISM GORDON CONFERENCE	6,000
1R13 CA45494-01	VARMUS, HAROLD E	GORDON CONFERENCE ON ANIMAL CELLS AND VIRUSES	10,000
INSTITUTION TOTAL	23	163,644	
UNIVERSITY OF RHODE ISLAND			
1S15 AI25399-01	LUZZI, LOUIS A	GILFORD RESPONSE UV/VIS SPECTROPHOTOMETER	9,178
INSTITUTION TOTAL	1	9,178	
CITY TOTAL	24	172,822	
PAWTUCKET			
MEMORIAL HOSPITAL			
1R01 HL39192-01	STEINER, MANFRED	EICOSAPENTAENOIC ACID: MECHANISM OF ACTION IN PLATELETS	65,336
INSTITUTION TOTAL	1	65,336	
CITY TOTAL	1	65,336	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
1R01 CA44885-01	CHA, SUNGMAN	PYRIMIDINE ENZYMES AND CANCER CHEMOTHERAPHY	80,612
1R01 NS25074-01	DONOGHUE, JOHN P	STATIC AND DYNAMIC ORGANIZATION	78,472
1R01 CA44100-01	MOR, VINCENT	HEALTH AND SOCIAL COSTS OF CANCER CARE	221,247
1S15 DK39381-01	ROTHMAN, FRANK G	RECORDER, PHOTOMETERS, BLOOD ANALYZER, STEREOTAXIS, HPLC	33,947
INSTITUTION TOTAL	4	414,278	
RHODE ISLAND HOSPITAL			
1S15 DK39410-01	LEONE, LOUIS A	FLUORESCENCE SPECTROPHOTOMETER & DATA ACQUISITION SYSTEM	21,980
INSTITUTION TOTAL	1	21,980	
ROGER WILLIAMS GENERAL HOSPITAL			
1S15 CA46231-01	CALABRESI, PAUL	SPECTROPHOTOMETER	10,394
1R01 CA46959-01	SHARMA, SURENDRA	REGULATION OF DNA REPAIR IN HUMAN B AND T LYMPHOCYTES	67,127
INSTITUTION TOTAL	2	77,521	
WOMEN AND INFANTS HOSPITAL OF RHODE ISLAND			
1R01 HL34621-01A2	WIDNESS, JOHN A	ERYTHROPOIETIC AND HEMODYNAMIC RESPONSE TO HYPOXEMIA	102,095
INSTITUTION TOTAL	1	102,095	
CITY TOTAL	8	615,874	
STATE TOTAL	33	854,032	
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
1P01 NS25039-01	MILLS, JOHN H	EXPERIMENTAL AND CLINICAL STUDIES OF PRESBYACUSIS	594,517
INSTITUTION TOTAL	1	594,517	
CITY TOTAL	1	594,517	
CLEMSON			
CLEMSON UNIVERSITY			
1R01 NR01365-01A1	BAINES, ELIZABETH M	INVESTIGATION OF STRESS IN THE OLDER FAMILY CAREGIVER	67,301
1R15 HD22353-01	BURROUGHS, W JEFFREY	SOCIAL RULES, EATING BEHAVIOR AND OBESITY	48,986
1R15 GM38488-01	LARCOM, LYNDON L	DNA DAMAGE AND ITS REPAIR	50,000
1R15 DE08137-01	STUTZENBERGER, FRED J	CHARACTERIZATION OF STREPTOCOCCUS SANGUIS IGA PROTEASE	46,312
INSTITUTION TOTAL	4	212,599	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	4	212,599	
SOUTH CAROLINA			
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA			
1S10 RR03226-01	BORG, THOMAS K	JEOL-JEM 100CX TRANSMISSION ELECTRON MICROSCOPE	127,000
1S15 HL39487-01	BORG, THOMAS K	VIDEO IMAGING SYSTEM	6,061
1S15 DK39415-01	SODETZ, JAMES M	DIFFRACTOMETER GEL APPARATUS INCUBATOR HPLC DETECTOR	35,095
INSTITUTION TOTAL	3	168,156	
CITY TOTAL	3	168,156	
STATE TOTAL	8	975,272	
SOUTH DAKOTA			
RAPID CITY			
BLACK HILLS HOSPITAL SERVICES			
1R01 CA45284-01	PERUSSIA, BICE	ACTIVATION OF NON MHC-RESTRICTED CYTOTOXIC LYMPHOCYTES	157,185
INSTITUTION TOTAL	1	157,185	
CITY TOTAL	1	157,185	
STATE TOTAL	1	157,185	
TENNESSEE			
JOHNSON CITY			
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--EAST TENNESSEE STATE UNIVERSITY			
1R15 GM38492-01	CHAMPNEY, WILLIAM S	ANTIBIOTIC HYPERSENSITIVE MUTANTS OF ESCHERICHIA	50,000
1R15 HL38705-01	HOOVER, DONALD B	SUBSTANCE P: A NEUROMEDIATOR AFFECTING CARDIAC FUNCTION	50,000
1R01 HL36763-01A1	KERN, DAVID F	EFFECT OF CHARGE ON LUNG PERMEABILITY	85,099
1S15 DK39422-01	ROBINSON, MITCHELL E	LABORATORY DATA SYSTEM	5,000
INSTITUTION TOTAL	4	190,099	
CITY TOTAL	4	190,099	
KNOXVILLE			
LIPOSOME SCIENCES, INC.			
1R43 AI24816-01	BABBITT, BRUCE	HOMOGENOUS ASSAY FOR HEPATITIS B VIRUS SURFACE ANTIGEN	40,000
INSTITUTION TOTAL	1	40,000	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
1R29 AR38404-01	ROME, LAWRENCE C	MUSCLE FUNCTION DURING LOCOMOTION	79,812
1S15 AI25417-01	WICKS, WESLEY D	AMINO ACID SEQUENCING SYSTEM	20,870
INSTITUTION TOTAL	2	100,682	
CITY TOTAL	3	140,682	
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
1R24 RR03755-01	REHG, JEROLD E	IMPROVE ANIMAL RESOURCES CENTER FOR BIOMEDICAL RESEARCH	294,628
1S15 CA46160-01	SIMONE, JOSEPH V	VIDEO IMAGE ANALYSIS--LASER-BASED MICROPOLARIMETER	44,963
INSTITUTION TOTAL	2	339,591	
STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY			
1S15 DK39397-01	WILLIAMS, JAMES C	HEWLETT PACKARD GC/MS CHEMSTATION	7,195
INSTITUTION TOTAL	1	7,195	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
1R01 HL39228-01	HEIMBERG, MURRAY	EPA AND HEPATIC SYNTHESIS AND SECRETION OF THE VLDL	77,892
1R01 DK38760-01	MANSBACH, CHARLES M, II	REGULATION OF INTESTINAL LIPID TRANSPORT	135,702
1R01 NS25122-01	SCHWEITZER, JOHN B	NERVE GROWTH FACTOR RECEPTOR-MEDIATED TRANSPORT IN CNS	51,318
1R22 AI25096-01	TAYLOR, RONALD K	GENETIC DETERMINANTS OF VIRULENCE IN VIBRIO CHOLERAE	107,444
INSTITUTION TOTAL	4	372,356	
CITY TOTAL	7	719,142	
NASHVILLE			
MEHARRY MEDICAL COLLEGE			
1S15 AI25390-01	HILL, GEORGE C	SWINGING BUCKETS SW28.1, & SW28 ROTOR SET	8,179
INSTITUTION TOTAL	1	8,179	
VANDERBILT UNIVERSITY			
1R29 NS25062-01	BACON, SIDNEY P	DYNAMIC CHARACTERISTICS OF AUDITORY MASKING	94,723
1R01 HL38375-01	LIMBIRD, LEE E	ALPHA2-ADRENERGIC RECEPTORS AND NA+/H+ EXCHANGE	95,649
1R01 ES04091-01A1	LLOYD, ROBERT S	T4 ENDONUCLEASE V: STRUCTURE-FUNCTION ANALYSES	87,962
1S15 ES04500-01	REED, PETER W	SPECTROMETER/3 DATA ACQUISITION-ANALYSIS/FERMENTOR	39,530
1R01 AG07454-01	SMEEDING, TIMOTHY M	COMPARATIVE ECONOMIC STATUS OF THE ELDERLY	77,534
1R01 NS24254-01A1	TULIPAN, NOEL B	NEURAL GRAFTING--A POTENTIAL THERAPY	48,500
INSTITUTION TOTAL	6	443,898	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	7	452,077	
STATE TOTAL	21	1,502,000	
TEXAS			
ARLINGTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT ARLINGTON			
1R01 GM38571-01	BELLION, EDWARD	PEROXISOME ASSEMBLY	68,173
1R15 HL38743-01	VON MALTZAHN, WOLF W	COMPARISON OF POROUS VS. NONPOROUS GRAFT SURFACES	48,987
INSTITUTION TOTAL	2	117,160	
CITY TOTAL	2	117,160	
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1S15 CA46238-01	BOSE, HENRY R, JR	FLUORESCENCE INVERTED MICROSCOPE-SCINTILLATION COUNTER	51,878
1R01 NR01440-01A1	CLARK, ANGELA P	NURSING INTERVENTIONS AND MIXED VENOUS OXYGEN SATURATION	78,355
1R01 CA45033-01	FOLK, WILLIAM R	MECHANISM OF TRANSFORMATION BY BK VIRUS	100,300
1S10 RR03444-01	GILBERT, JOHN C	AUTOMATIC X-RAY DIFFRACTOMETER SYSTEM--NICOLET R3M/E	168,000
1R01 GM35989-01A1	ROBERTUS, JON D	SITE DIRECTED MUTAGENESIS OF HISTIDINE DECARBOXYLASE	69,170
INSTITUTION TOTAL	5	467,703	
CITY TOTAL	5	467,703	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1R01 GM36891-01A1	BENEDIK, MICHAEL J	EXTRACELLULAR EXPORT OF CLONED GENE PRODUCTS	86,379
1R01 AG06347-01A1	BUSBEE, DAVID L	AGE-RELATED INHIBITION OF DNA SYNTHESIS INITIATION	75,814
1R01 CA44395-01	SCOTT, A IAN	BIOSYNTHESIS OF THE ANTITUMOR ALKALOIDS OF CATHARANTHUS	74,381
1R01 ES03851-01A2	WAY, JAMES L	ERYTHROCYTE ENCAPSULATION OF RHODANESE	143,742
INSTITUTION TOTAL	4	380,316	
CITY TOTAL	4	380,316	
DALLAS			
BIOGRAPHICS, INC.			
1R43 NS25321-01	SMITH, WADE K	NEUROANATOMY WORKSTATION AND KNOWLEDGE ENGINEERING	50,000
INSTITUTION TOTAL	1	50,000	
SOUTHERN METHODIST UNIVERSITY			
1S15 AI25384-01	SMITH, P DENNIS	LKB ULTROSPEC II SPECTROPHOTOMETER	5,000
INSTITUTION TOTAL	1	5,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
1R01 DK39298-01	ALPERN, ROBERT J	REGULATION OF RENAL BICARBONATE AND CHLORIDE ABSORPTION	112,835
1R29 NS25186-01	BELARDETTI, FRANCESCO	SECOND MESSENGERS OF PRESYNAPTIC INHIBITION	99,993
1R01 GM38545-01	LEHRMAN, MARK A	MOLECULAR BIOLOGY OF ASPARAGINE-LINKED GLYCOSYLATION	93,702
1P01 HD22766-01	MC CRACKEN, GEORGE H	IMMUNOBIOLOGY AND PATHOGENESIS OF INFECTIONS IN INFANTS	392,508
1S15 CA46153-01	NEAVES, WILLIAM B	BIOMEDICAL RESEARCH INSTRUMENTS	79,171
1R01 HL36807-01A1	NUNNALLY, RAY L	EXAMINATION OF PERFUSION OF THE HEART BY 19F NMR	230,990
1R13 DK39244-01	PETERSON, WALTER L	CAMPYLOBACTER GASTRITIS	8,500
1S10 RR03357-01	SNYDER, JEANNE M	TRANSMISSION ELECTRON MICROSCOPE	143,000
INSTITUTION TOTAL 8		1,160,699	
CITY TOTAL 10		1,215,699	
DENTON			
NORTH TEXAS STATE UNIVERSITY			
1S15 DK39414-01	PIRTLE, ROBERT M	P/N346457 MODEL TL-100 TABLETOP ULTRA CENTRIFUGE	9,833
INSTITUTION TOTAL 1		9,833	
TEXAS WOMAN'S UNIVERSITY			
1R15 NS25297-01	SABBAHI, MOHAMMED A	REHABILITATION OF SPASTICITY BY IONTOPHORETIC ANESTHESIA	50,000
INSTITUTION TOTAL 1		50,000	
CITY TOTAL 2		59,833	
EL PASO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT EL PASO			
1R15 GM38451-01	BECVAR, JAMES E	INACTIVATION ACCOMPANYING CATALYSIS	50,000
INSTITUTION TOTAL 1		50,000	
CITY TOTAL 1		50,000	
FORT WORTH			
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE			
1S15 HL39495-01	DOWNEY, H FRED	NOVA STAT PROFILE ANALYZER	10,762
1R13 CA44757-01	JACOBSON, MYRON K	NIACIN NUTRITION, ADP-RIBOSYLATION AND CANCER SYMPOSIUM	5,000
INSTITUTION TOTAL 2		15,762	
CITY TOTAL 2		15,762	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
1R01 HL39165-01	BENEDICT, CLAUDE R	EFFECT OF OMEGA-3 FATTY ACIDS IN CORONARY THROMBOSIS	131,051
1R01 DK38217-01	GOOD, DAVID W	REGULATION OF THICK ASCENDING LIMB ACID-BASE TRANSPORT	47,717
1R01 NR01434-01A1	MOORE, LUCILLE R	MATERNAL-INFANT ATTACHMENT AFTER MEDIATED INSTRUCTION	137,258
1R29 AR38640-01	VIEGAS, STEVEN F	CONTACT PRESSURE IN THE RADIOCARPAL JOINT	55,567
1R01 CA40316-01A2	WARD, JONATHAN B, JR	DETECTION OF MUTANT LYMPHOCYTES IN CHEMOTHERAPY PATIENTS	138,368
1R29 HD22746-01	WATSON, CHERYL S	HORMONE INDUCED GENE EXPRESSION: OOCYTE RECONSTITUTION	58,094
INSTITUTION TOTAL	6	568,055	
CITY TOTAL	6	568,055	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1R24 RR03716-01	ALFORD, BOBBY R	IMPROVING ANIMAL RESOURCES FOR BIOMEDICAL RESEARCH	499,187
1R29 HD22880-01	BELMONT, JOHN W	MOLECULAR BIOLOGY OF T LYMPHOCYTE PROGENITOR CELLS	63,764
1R01 HL39262-01	BROWN, ARTHUR M	MOLECULAR BIOLOGY OF CARDIAC ION CHANNELS	110,460
1S15 GM39117-01	CAMERINO, PAT W	X-RAY FILM DEVELOPER, SCINTILLATION COUNTER, CENTRIFUGE	83,074
1R01 AI24998-01	ESTES, MARY K	SUBUNIT ROTAVIRUS VACCINES & MUCOSAL IMMUNITY	185,276
1R01 HL39312-01	PATSCH, JOSEF R	DIETARY EFFECTS ON LIPOPROTEIN METABOLISM	118,412
1R01 HL36277-01A1	ROBERTS, ROBERT	ASSESSMENT OF REPERFUSION WITH CK ISOFORMS	85,410
1R01 HL38339-01	SEILHEIMER, DAN K	EFFECTIVENESS OF HEALTH EDUCATION FOR CYSTIC FIBROSIS	284,544
1R01 NS22191-01A3	THOMPSON, GLENN C	DESCENDING AUDITORY PATHWAYS IN THE BRAIN	68,661
INSTITUTION TOTAL	9	1,498,788	
INSTITUTE FOR ORGANIZATIONAL BEHAVIOR RESEARCH			
1R43 CA44184-01	JONES, STEVEN D	IDENTIFYING FACILITATORS AND INHIBITORS OF BREAST SCREEN	38,380
INSTITUTION TOTAL	1	38,380	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK			
1S15 GM39166-01	AUMANN, GLENN D	LIQUID SCINTILLATION COUNTER & LARGE CAPACITY AUTOCLAVE	21,588
1R29 HL38767-01	EIKENBURG, DOUGLAS C	PLASMA CATECHOLAMINES AND PREJUNCTIONAL ADRENOCEPTORS	63,729
1R24 RR03757-01	FAITH, ROBERT E	ANIMAL RESOURCE IMPROVEMENT	145,500
1R01 GM37655-01A1	FOX, GEORGE E	IDENTIFICATION OF CANDIDATE TERTIARY INTERACTIONS--RRNA	62,021
INSTITUTION TOTAL	4	292,838	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1R01 AR39273-01	BUTLER, WILLIAM T	BONE PROTEINS--CHEMISTRY/SYNTHESIS/TISSUE LOCALIZATION	114,251
1R01 NS23979-01A1	GROTTA, JAMES C	CALCIUM BLOCKER & RELATED THERAPY FOR CEREBRAL ISCHEMIA	132,535
1S15 CA46220-01	HAWKINS, C MORTON	MICROCOMPUTER SYSTEM	6,352

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
1R01 DK37403-01A1	JONAS, ADAM J	SALLA DISEASE AND LYSOSOMAL SUGAR TRANSPORT	71,988
1R01 AI23247-01A1	KOHL, STEVE	HUMAN NEONATAL IMMUNITY TO HSV INFECTION	92,380
1R01 NS24954-01	KROLICK, KEITH A	NEUROMUSCULAR IMMUNOPATHOLOGY IN EAMG: ROLE OF HELPER	77,815
1R01 DK38678-01	RADOMINSKA-PYREK, ANNA	CARBOXYL-LINKED GLUCURONIDES OF BILE ACIDS	52,691
1S15 DK39408-01	STANCEL, GEORGE M	HPLC, SCINTILLATION & GAMMA COUNTERS, DENSITOMETER	82,103
1R29 DE08061-01	STORTHZ, KAREN A	ETIOLOGY OF LESIONS OF THE ORAL MUCOSA	74,102
1R01 HL36728-01A1	TEWSON, TIMOTHY J	IN VIVO DETECTION OF B-ADRENERGIC RECEPTORS	110,052
INSTITUTION TOTAL	10	814,269	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1R01 CA45217-01	ARLINGHAUS, RALPH B	TEMPERATURE-SENSITIVE RETROVIRUS SPICING MUTANT	78,634
1S15 CA46178-01	BECKER, FREDERICK F	MICROSCOPE, SPECTROPHOTOMETER, SCINTILLATION COUNTER	78,936
1R13 CA45193-01	JONES, LOVELL A	1ST BIENNIAL SYMPOSIUM ON MINORITIES & CANCER	5,000
1R01 CA44713-01	KRIPKE, MARGARET L	LOCAL IMMUNITY IN SKIN CANCER GROWTH AND METASTASIS	151,801
1R01 CA43621-01A1	KUO, M TIEN	GENE EXPRESSION IN MULTIDRUG RESISTANT CELLS	130,164
1R01 ES04662-01	MONKS, TERRANCE J	MODULATION & MECHANISMS OF SULFUR CONJUGATE MEDIATE	70,459
1R01 CA45730-01	NISHIOKA, KENJI	TUFTSIN AS A GROWTH FACTOR	112,844
1R13 CA45219-01	PETERS, LESTER J	SYMPOSIUM/WORKSHOP ON PREDICTION OF TUMOR TREATMENT	8,000
1R37 CA45187-01	ROTH, JACK A	TUMOR ANTIGENS EXPRESSED BY ONCOGENE-TRANSFORMED CELLS	89,002
INSTITUTION TOTAL	9	724,840	
CITY TOTAL	33	3,369,115	
LUBBOCK			
TEXAS TECH UNIVERSITY			
1S10 RR03489-01	STOCCO, DOUGLAS M	COMPUTER ASSISTED ANALYTICAL IMAGING SYSTEM	139,000
INSTITUTION TOTAL	1	139,000	
CITY TOTAL	1	139,000	
SAN ANTONIO			
CANCER THERAPY AND RESEARCH CENTER			
1S15 CA46222-01	COLTMAN, CHARLES A, JR	LEITZ LABORLUX D FLUORESCENT MICROSCOPE	15,341
INSTITUTION TOTAL	1	15,341	
RAD-IMAGE CORPORATION			
1R43 CA43674-01	CELITANS, GERARD J	COMPUTER CONTROLLED X-RAY IMAGE ANALYZER	34,672
INSTITUTION TOTAL	1	34,672	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH			
1S15 HL39502-01	GOODWIN, WILLIAM J	AUTOMATED CELL PRODUCTION SYSTEM--MACINTOSH/LEVCO	25,159
1R13 DK39201-01	MACCLUER, JEAN W	GENETIC ANALYSIS WORKSHOP	23,000
1R01 HL38427-01	MAXWELL, LEO C	IMPACT OF NUTRITION AND VENTILATION ON NEWBORN DIAPHRAGM	91,690
INSTITUTION TOTAL 3		139,849	
TRINITY UNIVERSITY			
1R01 HD21649-01	ESPEY, LAWRENCE L	GONADOTROPIN-INDUCED OVARIAN INFLAMMATION AND OVULATION	64,439
INSTITUTION TOTAL 1		64,439	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1P01 AG06872-01	BOWMAN, BARBARA H	MOLECULAR GENETIC MECHANISMS OF AGING	466,621
1R01 DE07809-01A1	EBERSOLE, JEFFREY L	LOCAL AND SYSTEMIC ANTIBODY TO A. ACTINOMYCETEMCOMITANS	115,404
1R01 DK37482-01A1	GREEN, GARY M	FEEDBACK REGULATION OF PANCREATIC SECRETION	70,654
1R01 NS25114-01	HATCH, JOHN P	BIOBEHAVIORAL STUDY OF MUSCLE CONTRACTION HEADACHE	94,112
1R29 GM37999-01	KILLARY, ANN M	TISSUE-SPECIFIC GENE REGULATION IN PLASMACYTOMA CELLS	56,627
1S15 DK39386-01	LEE, JOHN C	RESEARCH ANALYSIS SYSTEM FOR ENHANCED GEL ANALYSIS	56,249
1R01 DE08000-01	MC MANUS, LINDA M	CHARACTERIZATION OF SALIVARY PAF	83,240
1S15 AR39045-01	MUNDY, GREGORY R	IMAGE ANALYSIS COMPUTER SYSTEM, SIT CAMERA AND MONITOR	60,565
1R29 CA44519-01	SALMAN, MOHAMMAD	17ALPHA-DHP DERIVATIVES FOR RECEPTOR STUDIES	57,045
1R01 DK37139-01	VENKATACHALAM, MANJERI A	MEMBRANE PATHOLOGY IN RENAL CELL INJURY	135,401
INSTITUTION TOTAL 10		1,195,918	
CITY TOTAL 16		1,450,219	
TYLER			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH CENTER AT TYLER			
1R01 HL39040-01	FAIR, DARYL S	MOLECULAR INTERACTIONS OF BLOOD COAGULATION FACTOR X	89,264
1S15 DK39418-01	PANGBURN, MICHAEL K	MULTI-WELL GAMMA COUNTER	13,018
1R01 HL34538-01A2	PETERSON, BARRY T	PULMONARY EPITHELIAL PERMEABILITY AND ALVEOLAR EDEMA	76,970
INSTITUTION TOTAL 3		179,252	
CITY TOTAL 3		179,252	
WACO			
BAYLOR UNIVERSITY			
1S15 HL39494-01	MATTHEWS, JAMES L	SPECTRA PHYSICS MODEL 375B OPTION 61 CW DYE LASER	6,505
1R15 GM38461-01	SCOUTEN, WILLIAM H	CROSSLINKING OF THE PYRUVATE DEHYDROGENASE COMPLEX	49,998
INSTITUTION TOTAL 2		56,503	
CITY TOTAL 2		56,503	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	87	8,068,617	
UTAH			
LOGAN			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY			
1S15 GM39126-01	PIETTE, LAWRENCE H	SPECTROFLUOROMETER	5,780
INSTITUTION TOTAL	1	5,780	
CITY TOTAL	1	5,780	
OREM			
TRONAC, INC.			
1R43 GM38398-01	BROWN, PHILIP R	NON-DESTRUCTIVE EVALUATION OF DRUGS AND BIOMATERIALS	43,900
INSTITUTION TOTAL	1	43,900	
CITY TOTAL	1	43,900	
SALT LAKE CITY			
INTERMOUNTAIN HEALTH CARE--LDS HOSPITAL			
1S15 CA46233-01	ELIZABETH, HAMMOND	MEDICAL ILLUSTRATIONS/ARTWORK COMPUTER SYSTEM	3,968
1R01 HL36787-01A1	MORRIS, ALAN H	EXPRACORPOREAL CO2 REMOVAL FOR ARDS	352,917
INSTITUTION TOTAL	2	356,885	
JMW ACQUISITION COMPANY, INC.			
1R43 NS24315-01A1	PETELENZ, TOMASZ J	CONTROLLED IONTOPHORETIC DELIVERY OF NARCOTICS	37,644
INSTITUTION TOTAL	1	37,644	
TECHNICAL RESEARCH ASSOCIATES, INC.			
1R43 HL39361-01	PETERSON, STEPHEN C	ULTRASONIC PLATELET HARVESTER	19,443
INSTITUTION TOTAL	1	19,443	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R29 HL36811-01A1	BURNS, GREGORY L	IMMUNE-RESPONSE CHANGES WITH BLOOD PUMP USE	77,569
1R29 HL39175-01	FREEDMAN, ROGER A	BODY SURFACE LOCALIZATION OF QRS LATE POTENTIALS	87,750
1R29 GM38475-01	GARD, DAVID L	MICROTUBULE ASSEMBLY FACTORS FROM XENOPUS EGGS	79,803
1R29 GM38663-01	GRAVES, BARBARA J	RETROVIRAL TRANSCRIPTIONAL CONTROL MECHANISMS	68,444
1S15 CA46245-01	IRELAND, CHRIS M	SILICON GRAPHICS IRIS 3130 WORK STATION	18,165
1R01 AR38346-01	JEE, WEBSTER SHEW S	MAKING NEW BONE TRABECULAE IN OSTEOPENIC AGED SKELETON	107,399
1R01 EY07017-01	MULLEN, RICHARD J	SITES OF GENE ACTION--INHERITIED RETINAL DEGENERATION	103,643

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1R01 DK39142-01	NOBLE, NANCY A	RED CELL METABOLISM: ENZYME CHANGES DURING DEVELOPMENT	101,448
1S15 GM39120-01	SAMUELSON, CECIL O, JR	JOYCE-LOEBEL DENSITOMETER AND BIOQUANT IMAGE	77,433
1S15 GM39161-01	SPIKES, JOHN D	NMR PROBE, MICROPLATE READER, FLOW SCINTILLATION	41,223
1R29 CA45011-01	YASUI, LINDA S	CYTOTOXICITY OF 125I DECAY PRODUCED LESIONS IN CHROMATIN	69,201
INSTITUTION TOTAL	11	832,078	
CITY TOTAL	15	1,246,050	
STATE TOTAL	17	1,295,730	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
1R01 HL39303-01	ALPERT, NORMAN R	MOLECULAR & FUNCTIONAL ANALYSIS OF HEART SR REGULATION	140,767
1R29 HD22965-01	CATALANO, PATRICK M	INSULIN RESISTANCE AND GLUCOSE METABOLISM IN PREGNANCY	51,068
1R01 AG06125-01A1	CUTLER, STEPHEN J	AGE & RESIDENCE DIFFERENCES IN HOUSEHOLD COMPOSITION	83,294
1R01 HL38924-01	EVANS, JOHN N	MECHANICS OF PULMONARY VASCULAR SMOOTH MUSCLE	106,221
1R13 CA43865-01	HACKER, MILES P	SYMPOSIUM: ORGAN DIRECTED TOXICITIES OF ANTICANCER DRUG	10,000
1R01 HL39220-01	HUGHES, JOHN R	TOBACCO WITHDRAWAL AND SMOKING RELAPSE	118,274
1R01 HL38899-01	LONG, GEORGE L	STRUCTURE & MOLECULAR BIOLOGY OF THE PROTEIN S GENE	103,741
1R29 HL38853-01	SHREEVE, STEPHEN M	CLASSIFICATION OF VASCULAR SMOOTH MUSCLE ALPHA-RECEPTORS	63,016
1R01 AR38507-01	STOKES, IAN A	SKELETAL GROWTH AND REMODELING IN SCOLIOSIS	98,877
1R01 GM38611-01	THANASSI, JOHN W	STEROIDS AND VITAMIN B6 METABOLISM IN SYCHRONIZED CELLS	80,023
1R01 CA44729-01	TRITTON, THOMAS R	MEMBRANE TARGETS IN CANCER CHEMOTHERAPY	68,300
INSTITUTION TOTAL	11	923,581	
CITY TOTAL	11	923,581	
STATE TOTAL	11	923,581	
VIRGINIA			
BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY			
1S15 ES04496-01	EHRICH, MARION	ACQUISITION AND ANALYSIS OF SPECTROPHOTOMETERS	6,820
1R22 AI23710-01A1	FALKINHAM, JOSEPH O	EPIDEMIOLOGY OF INFECTION BY NONTUBERCULOUS MYCOBACTERIA	112,970
1R01 GM38548-01	GREGORY, EUGENE M	LOW MOLECULAR WEIGHT SUPEROXIDE DISMUTASE IN HEART	52,168
1S15 DK39416-01	RUTHERFORD, CHARLES L	REFRIGERATED CENTRIFUGE: VIDEO INTENSIFICATION SYSTEM	16,121
INSTITUTION TOTAL	4	188,079	
CITY TOTAL	4	188,079	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1R29 AI24261-01	HEYMANN, PETER W	IGE ANTIBODY & EXPOSURE TO MITE ALLERGENS IN ASTHMA	71,464
1R29 HD22799-01	HRNCIR, ELIZABETH J	AFFECT AND COMPETENCE IN HANDICAPPED INFANTS	62,762
1R01 GM38681-01	KADNER, ROBERT J	EXOGENOUS INDUCTION OF THE E. COLI UHPT GENE	81,584
1R01 NS24806-01	KASSELL, NEAL F	RANDOMIZED STUDY OF NICARDIPINE IN SAH	543,947
1R29 HL38345-01	KAUL, SANJIV	ECHOCARDIOGRAPHY OF MYOCARDIAL PERFUSION/FUNCTION	57,601
1P30 DK38942-01	LARNER, JOSEPH	DIABETES ENDOCRINOLOGY RESEARCH CENTER	686,838
1R01 AG07137-01	MC ARDLE, J JACK	GROWTH CURVES OF ADULT INTELLIGENCE	65,212
1R01 HL38854-01	OWENS, GARY K	GROWTH AND DIFFERENTIATION OF VASCULAR SMOOTH MUSCLE	95,321
1R01 NS24169-01A1	PARSONS, L CLAIRE	EEG SLEEP PATTERNS AND NEUROPSYCHOLOGICAL RESPONSE	119,065
1S15 GM39131-01	PEACH, MICHAEL J	SEPARATION SYSTEM/BELZER QUICK-FREEZE/LASERFLO	76,694
1R01 HL38918-01	REMBOLD, CHRISTOPHER M	CELL CA2+ & CONTRACTION IN VASCULAR SMOOTH MUSCLE	52,150
1R24 RR03729-01	SOJKA, NICKOLAS J	ANIMAL RESOURCES DEVELOPMENT & IMPROVEMENT	128,946
1R01 NS25055-01	TRIMMER, PATRICIA ANN	STUDIES OF REACTIVE ASTROGLIOSIS IN VIVO AND IN VITRO	63,365
1P30 CA44579-01	WAGNER, ROBERT R	CANCER RESEARCH CENTER	455,151
1S15 GM39121-01	WILKERSON, WILLAM R	GRADIENT HPLC, FRACTION COLLECTOR, FILM PROCESSOR	36,901
INSTITUTION TOTAL	15	2,597,001	
CITY TOTAL	15	2,597,001	
NORFOLK			
EASTERN VIRGINIA MEDICAL AUTHORITY--EASTERN VIRGINIA MEDICAL SCHOOL			
1R01 NS25118-01	SMITH, KENNETH J	PROPERTIES OF CENTRAL AXONS AT PERIPHERAL TARGETS	119,970
INSTITUTION TOTAL	1	119,970	
OLD DOMINION UNIVERSITY			
1R29 CA45213-01	ELLIOTT, MARK S	MODULATION OF QUENUINE LEVELS WITH TUMOR PROMOTERS	67,856
INSTITUTION TOTAL	1	67,856	
CITY TOTAL	2	187,826	
RICHMOND			
ADVANCED CLINICAL PRODUCTS, INC.			
1R43 AI24850-01	MRAVA, GENE L	IONTOPHORETIC CATHETER RESEARCH	42,035
INSTITUTION TOTAL	1	42,035	
VIRGINIA COMMONWEALTH UNIVERSITY			
1S15 AI25393-01	AYRES, STEPHEN M	ULTRACENTRIFUGE/SPECTROPHOTOMETER/PROTEIN PURIFICATION	80,163
1S10 RR03191-01	COLLINS, JAMES M	INSTITUTIONAL FLOW CYTOMETER-CELL SORTER	252,000

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1R29 DK38406-01	CULPEPPER, ROY M	REGULATION OF ION TRANSPORT IN MAMMALIAN NEPHRONS	67,857
1S15 DK39401-01	DEWEY, WILLIAM L	FRACTION COLLECTOR, CENTRIFUGE & ELISA DATA ANALYZER	19,849
1R23 HD22445-01	JACKSON-COOK, COLLEEN K	THE DNOR CHROMOSOME: A RISK FACTOR FOR DOWN SYNDROME	32,191
1R29 GM38774-01	MONACO, JOHN J	CELLULAR & MOLECULAR STUDIES OF LMP ANTIGENS & GENES	69,565
1R13 DK37952-01A1	SCHOOLWERTH, ANTON C	FOURTH INTERNATIONAL WORKSHOP ON AMMONIAGENESIS	2,000
1S15 GM39172-01	TERNER, JAMES	PHARMACIA HIGH PERFORMANCE PROTEIN LIQUID	7,926
INSTITUTION TOTAL 8		531,551	
CITY TOTAL 9		573,586	
STATE TOTAL 30		3,546,492	
WASHINGTON			
CHENEY			
EASTERN WASHINGTON UNIVERSITY			
1R15 HL38671-01	GREENE, WILLIAM A	PHYSIOLOGICAL HYPER-RESPONSIVENESS DURING MENTAL STRESS	49,748
INSTITUTION TOTAL 1		49,748	
CITY TOTAL 1		49,748	
OLYMPIA			
BARLOW SCIENTIFIC			
1R43 DK37734-01	BARLOW, CLYDE H	NONINVASIVE MONITORING OF KIDNEYS AWAITING TRANSPLANT	41,678
INSTITUTION TOTAL 1		41,678	
CITY TOTAL 1		41,678	
PULLMAN			
INTERNATIONAL SENSOR TECHNOLOGY			
1R43 CA44242-01	BRAUNLICH, PETER F	DOSE DISTRIBUTION MEASUREMENTS WITH THIN TLD ARRAYS	38,887
INSTITUTION TOTAL 1		38,887	
WASHINGTON STATE UNIVERSITY			
1R01 NS23515-01A2	ADAMS, JAMES D, JR	MECHANISM OF INDUCTION OF PARKINSONIAN SYNDROME BY MPTP	83,989
1R01 CA42465-01A1	MEADOWS, GARY G	MECHANISM OF DIETARY MODULATION OF METASTASIS	89,162
1S15 GM39167-01	SMITH, ROBERT V	PROTEIN SEQUENCER CONTROL & PULSED LIQUID CONVERSION KIT	23,081
INSTITUTION TOTAL 3		196,232	
CITY TOTAL 4		235,119	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
CHILDREN'S ORTHOPEDIC HOSPITAL AND MEDICAL CENTER			
1S15 CA46163-01	TAPPER, DAVID	LIQUID SCINTILLATION COUNTER	13,106
INSTITUTION TOTAL	1	13,106	
FRED HUTCHINSON CANCER RESEARCH CENTER			
1R03 CA45684-01	DAVIS, SCOTT	NUTRITIONAL FACTORS AND CANCER OF THE PANCREAS	17,507
1S15 CA46187-01	DAY, ROBERT W	CRYOULTRAMICROTOME, MICROSCOPE, UNIX SYSTEM	61,225
1P01 CA42792-01A1	MC DOUGALL, JAMES K	HPV: BIOLOGY, CLINICAL SIGNIFICANCE AND EPIDEMIOLOGY	400,000
1R29 CA44790-01	WHITE, EMILY	EPIDEMIOLOGY OF PHYSICAL ACTIVITY AND COLON CANCER	64,048
INSTITUTION TOTAL	4	542,780	
PACIFIC NORTHWEST RESEARCH FOUNDATION			
1S15 ES04508-01	HOLMES, ERIC H	VARIAN MODEL 5060 TERNARY LIQUID CHROMATOGRAPH	5,585
INSTITUTION TOTAL	1	5,585	
SEATTLE BIOMEDICAL RESEARCH INSTITUTE			
1R01 AI24771-01	STUART, KENNETH D	SMALL NUCLEIC ACIDS IN LEISHMANIA AND ENDOTRYOANUM	198,287
1S15 AI25422-01	STUART, KENNETH D	DNA SEQUENCING WORK STATION	7,262
INSTITUTION TOTAL	2	205,549	
SWEDISH HOSPITAL MEDICAL CENTER			
1S15 AI25405-01	ROSEN, HENRY	HIGH PRESSURE LIQUID CHROMATOGRAPHY SYSTEM	5,709
INSTITUTION TOTAL	1	5,709	
UNIVERSITY OF WASHINGTON			
1R01 NR01618-01	BENOLIEL, JEANNE Q	EFFECTS OF SUPPORT ON BREAST SELF EXAMINATION ADHERENCE	155,875
1R01 NS24859-01	BLESS, DIANE M	VIDEOSTROBOSCOPIC EXAMINATION OF THE LARYNX	95,436
1S15 DK39389-01	GIBALDI, MILO	WIDE BORE NMR PROBE & PHYSIOGRAPH	12,798
1R01 NS25183-01	HANDSFIELD, H HUNTER	NEUROPSYCHOLOGICAL ASPECTS OF STAGE II/III HIV INFECTION	159,188
1S15 HL39497-01	HEGYVARY, SUE T	PACKARD MULTI-PRIAS GAMMA COUNTER MODEL 5304	15,634
1P01 HL39157-01	HODSON, WILLIAM A	PATHOPHYSIOLOGY OF RESPIRATORY DISORDERS OF THE NEWBORN	596,288
1P01 AI24756-01	HOLMES, KING K	CHLAMYDIAL INFECTIONS AND PELVIC INFLAMMATORY DISEASE	530,832
1R01 CA42593-01A1	LEWELLEN, THOMAS K	SIMULATION SYSTEM FOR EMISSION TOMOGRAPHY	183,444
1R01 NS22690-01A2	LONGSTRETH, W T, JR	RISK FACTORS FOR SUBARACHNOID HEMORRHAGE	188,624
1R01 DK35774-01A2	MOON, RANDALL T	SPECTRIN SYNTHESIS AND ASSEMBLY IN TRANSFECTED CELLS	77,071
1S15 AI25401-01	OMENN, GILBERT S	SOFT LASER SCANNING DENSITOMETER--SUN 3/140M-4 COMPUTER	25,820
1R29 CA46134-01	PRESS, OLIVER W	RECEPTOR MEDIATED ENDOCYTOSIS OF LYMPHOCYTE ANTIGENS	66,500
1R03 DE08049-01	ROBERTS, MARILYN C	PREVALENCE OF TETRACYCLINE RESISTANCE--ORAL BACTERIA	15,000

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1R01 AI24136-01A1	ROBERTS, MARILYN C	TETRACYCLINE RESISTANCE IN UROGENITAL BACTERIA	75,803
1R01 DE08084-01	ROBINOVITCH, MURRAY R	SALIVARY GLAND SECRETORY GRANULE MATURATION	155,333
1R01 EY07078-01	TELLER, DAVIDA Y	DIMENSIONALIZATIONS OF COLOR VISION	79,275
1R01 HL38494-01	VERDUGO, PEDRO J	MUCUS SECRETION: POLYMER PHYSICS OF MUCIN RELEASE	52,221
1R01 DK38847-01	WEIGLE, DAVID S	PHYSIOLOGY & THERAPEUTIC USE OF INSULIN PULSES	33,175
1S15 GM39139-01	WOODS, STEPHEN C	GEL READER GAMMA COUNTER MICROMANIPULATOR	59,395
1R29 CA45236-01	YAGI, MAYUMI	ANALYSIS OF A NOVEL PROLIFERATION-ASSOCIATED ANTIGEN	91,665
INSTITUTION TOTAL	20	2,669,377	
VIRGINIA MASON RESEARCH CENTER			
1R29 AR38883-01	NEPOM, BARBARA S	HLA GENES & HYBRID MOLECULES IN PAUCIARTICULAR JRA	61,810
1S15 AR39051-01	RASMUSSEN, JOHN E	SW-55 TI SWINGING BUCKET ROTOR PACKAGE	6,588
INSTITUTION TOTAL	2	68,398	
CITY TOTAL	31	3,510,504	
STATE TOTAL	37	3,837,049	
WEST VIRGINIA			
HUNTINGTON			
MARSHALL UNIVERSITY			
1S15 DK39376-01	KASVINSKY, PETER J	BECKMAN LIQUID SCINTILLATION COUNTER LS-5801	6,632
INSTITUTION TOTAL	1	6,632	
CITY TOTAL	1	6,632	
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
1S15 DK39378-01	BUTCHER, FRED R	ULTRACENTRIFUGE AND ROTORS	28,904
1R01 AR38726-01	CATERSON, BRUCE	HUMAN DISC PROTEOGLYCAN AND LINK PROTEIN BIOCHEMISTRY	109,183
INSTITUTION TOTAL	2	138,087	
CITY TOTAL	2	138,087	
STATE TOTAL	3	144,719	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R01 HL37351-01	ALBRECHT, RALPH M	PLATELET ACTIVATION & POLYMER SURFACE THROMBOGENICITY	85,245

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1R29 GM38906-01	ANDERSON, RICHARD A	PHOSPHOINOSITIDE REGULATION OF ERYTHROCYTE CYTOSKELETON	80,340
1S10 RR03426-01	AUERBACH, ROBERT	FLOW CYTOMETRY/CELL SORTER FACILITY	237,000
1R01 HD23353-01	CHAPMAN, ROBIN S	LANGUAGE DEVELOPMENT IN DOWN SYNDROME CHILDREN	49,136
1R01 DK36904-01A1	D'ALESSIO, DONN J	STATE INCIDENCE COHORT REGISTRY OF TYPE I DIABETES	375,678
1R01 NS25063-01	DASGUPTA, BIBHUTI R	BOTULINUM NEUROTOXIN--SEQUENCE AND ANTIGENIC SITES	141,000
1R01 EY06719-01	EPSTEIN, WILLIAM	VIBROTACTILE SPATIAL INFORMATION FOR SIGHTED AND BLIND	74,115
1R01 CA40445-01A2	FAHIEN, LEONARD A	GLUTAMATE OXIDATION IN HEPATOMAS VERSUS LIVER	61,099
1R01 CA44387-01	GOULD, MICHAEL N	CHARACTERIZING EARLY EVENTS IN MAMMARY CARCINOGENESIS	132,751
1R29 GM38544-01	GREENSPAN, DANIEL S	MOLECULAR BIOLOGY OF PROCOLLAGEN TRANSPORT AND SECRETION	66,396
1S15 GM39141-01	HOKIN, MABEL R	CONTROLLED TEMPERATURE SHAKER-INCUBATOR & OTHER ITEMS	80,011
1S10 RR03447-01	HUTCHINSON, CHARLES R	MIDFIELD NMR SPECTROMETER	180,000
1S15 DK39413-01	LEMBERGER, AUGUST P	WATERS DELTA PREP 3000 HPLC SYSTEM	17,314
1R01 HL36780-01A1	MITCHELL, GORDON S	INTERACTIONS IN VENTILATORY CONTROL DURING EXERCISE	80,140
1R01 CA44381-01	MULCAHY, R TIMOTHY	SYSTEMIC HYPERTHERMIA AND MISONIDAZOLE CHEMOPOTENTIATION	75,995
1R01 HL39282-01	NELLIS, STEPHEN H	MICROCIRCULATION IN THE BEATING HEART	106,490
1R13 GM38428-01	NELSON, OLIVER E	INTERNATIONAL SYMPOSIUM ON PLANT TRANSPOSABLE ELEMENTS	2,000
1R01 NS25043-01	OSBERGER, MARY J	COCHLEAR-IMPLANT & TACTILE-AID STUDYING WITH THE DEAF	112,857
1R01 HL38149-01	PALTA, MARI	RISK FACTORS IN BRONCHOPULMONARY DYSPLASIA	132,341
1R01 AI24939-01	RUECKERT, ROLAND R	STRUCTURE, SYNTHESIS AND ASSEMBLY OF PICORNAVIRUSES	144,524
1R29 DK38444-01	SHENKER, YORAM	EFFECT OF ATRIAL NATRIURETIC HORMONE ON ALDOSTERONE	62,053
1R01 NS24969-01	SIEGEL, FRANK L	ENZYMATIC N-METHYLATION OF CALMODULIN	86,052
1R29 CA45313-01	STORER, BARRY E	BIOSTATISTICAL METHODS FOR CANCER RESEARCH	38,586
1R29 NS25020-01	SUTULA, THOMAS P	LESION-INDUCED SYNAPTIC REORGANIZATION & EPILEPSY	80,657
INSTITUTION TOTAL	24	2,501,780	
CITY TOTAL	24	2,501,780	
MARSHFIELD			
MARSHFIELD MEDICAL RESEARCH FOUNDATION			
1S15 CA46161-01	TEWKSBURY, DUANE A	VARIAN DMS 200 UV-VIS SPECTROPHOTOMETER	4,148
INSTITUTION TOTAL	1	4,148	
CITY TOTAL	1	4,148	
MILWAUKEE			
AMERICAN SOCIETY FOR VIROLOGY, INC.			
1R13 AI24708-01	CHOPPIN, PURNELL W	INTERNATIONAL CONGRESS OF VIROLOGY	8,000
INSTITUTION TOTAL	1	8,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
1R29 AI25079-01	BARBIERI, JOSEPH T	ACELLULAR VACCINES AGAINST BORDETELLA PERTUSSIS	75,133
1R03 EY07379-01	CHILBERT, MICHAEL A	LENSECTOMY USING A 308 NM ENDOEXCIMER LASER SYSTEM	14,340
1S15 HL39550-01	COOPER, RICHARD A, JR	CRYOFIXATION UNIT, ULTRACENTRIFUGE	62,780
1R13 HL38457-01	COWLEY, ALLEN W, JR	SECOND INTERNATIONAL VASOPRESSIN CONFERENCE	10,000
1R29 DK39208-01	HELM, JAMES F	ESOPHAGEAL CLEARANCE IN HEALTH & DISEASE	81,169
1S10 RR03319-01	MARKWALD, ROGER R	IMAGE PROCESSING SYSTEM	160,000
1R29 AR38973-01	RACHOW, JOHN W	CHONDROCYTE ECTO-ENZYME PYROPHOSPHATE METABOLISM	63,054
1R29 HL39103-01	RAFF, HERSHEL	VASOPRESSIN-CRF-ACTH INTERACTIONS IN CONSCIOUS STATE	66,456
1R01 EY06990-01	TAYLOR, JERRY L	INTERFERON'S ROLE IN ANTIVIRAL ACTIVITIES	80,843
INSTITUTION TOTAL	9	613,775	
MIDWEST RESEARCH MICROSCOPY, INC.			
1R43 DE08248-01	MROCZKOWSKI, SUSAN J	SPUTTERED OXIDE FOR DENTAL CERAMIC-METAL BOND	33,937
INSTITUTION TOTAL	1	33,937	
MOUNT SINAI MEDICAL CENTER			
1R01 HL39079-01	AMRANI, DAVID L	DEVELOPMENTAL CHANGES--ANTITHROMBIN III GENE EXPRESSION	40,695
INSTITUTION TOTAL	1	40,695	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE			
1R01 GM32504-01A4	MC FARLAND, JAMES T	STRUCTURE AND FUNCTION OF THE ENZYMES OF B-OXIDATION	79,278
1S15 CA46217-01	OTVOS, JAMES D	PURCHASE OF ULTRACENTRIFUGE ROTOR	4,102
1P30 ES04184-01	PETERING, DAVID H	MARINE AND FRESHWATER BIOMEDICAL CORE CENTER	192,307
1R01 ES04026-01A2	PETERING, DAVID H	CADMIUM, ZINC, METALLOTHIONEIN AND KIDNEY CYTOTOXICITY	150,676
INSTITUTION TOTAL	4	426,363	
CITY TOTAL	16	1,122,770	
STATE TOTAL	41	3,628,698	
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING			
1R01 CA45769-01	JAEGER, DAVID A	CLEAVABLE SURFACTANT-BASED VESICLES FOR CANCER TREATMENT	104,917
1R29 AI25031-01	LANGER, PAMELA J	LEISHMANIA SURFACE PROTEIN GENES	66,840
INSTITUTION TOTAL	2	171,757	
CITY TOTAL	2	171,757	
STATE TOTAL	2	171,757	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES			
1P40 RR03640-01	KESSLER, MATTHEW J	CARIBBEAN PRIMATE RESEARCH CENTER PROGRAM	400,000
1S15 DK39373-01	ROMAN-FRANCO, ANGEL A	EDWARDS FREEZER-DRYER/METTLER BALANCE/COULTER EASY88	21,178
INSTITUTION TOTAL	2	421,178	
UNIVERSITY OF PUERTO RICO RIO PIEDRAS			
1S15 AI25406-01	HILLYER, GEORGE V	HIGH PRESSURE LIQUID CHROMATOGRAPHY SYSTEM	12,022
INSTITUTION TOTAL	1	12,022	
CITY TOTAL	3	433,200	
STATE TOTAL	3	433,200	
CANADA			
MONTREAL			
SIR MORTIMER B. DAVIS/JEWISH GENERAL HOSPITAL			
1R13 DK38378-01	SCHULMAN, HERBERT M	PROTEINS OF IRON TRANSPORT AND STORAGE	18,000
INSTITUTION TOTAL	1	18,000	
CITY TOTAL	1	18,000	
TORONTO			
UNIVERSITY OF TORONTO			
1R01 AG07219-01	IVY, GWENDOLYN O	MODEL FOR LIPOFUSCIN ACCUMULATION IN AGING & DISEASE	20,287
INSTITUTION TOTAL	1	20,287	
CITY TOTAL	1	20,287	
STATE TOTAL	2	38,287	
FINLAND			
HELSINKI			
NATIONAL PUBLIC HEALTH INSTITUTE			
1R01 DK37957-01	AKERBLOM, HANS K	EPIDEMIOLOGY OF IDDM AND ITS DETERMINANTS IN FINLAND	148,195
INSTITUTION TOTAL	1	148,195	
CITY TOTAL	1	148,195	
STATE TOTAL	1	148,195	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FRANCE			
LYON			
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER			
1R13 CA44878-01	BARTSCH, HELMUT	DETECTION METHODS FOR DNA-DAMAGING AGENTS IN MAN	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	1	20,000	
IRELAND			
DUBLIN			
MEDICO-SOCIAL RESEARCH BOARD			
1R01 NS22465-01A2	DEAN, JOSEPH G	PREVALENCE OF MULTIPLE SCLEROSIS	69,450
INSTITUTION TOTAL	1	69,450	
CITY TOTAL	1	69,450	
STATE TOTAL	1	69,450	
ISRAEL			
REHOVOT			
WEIZMANN INSTITUTE OF SCIENCE			
1R01 NS23372-01A1	COHEN, IRUN R	T CELL VACCINATION AGAINST AUTOIMMUNE ENCEPHALOMYELITIS	67,090
1R01 AI24675-01	EISENBACH, MICHAEL	RESTORATION OF CHEMOTAXIS IN BACTERIAL CELL ENVELOPES	75,372
1R01 CA46120-01	RAZ, AVRAHAM	ROLE OF TUMOR CELL SURFACE LECTIN IN METASTASIS	86,327
1R01 AI23165-01A1	SHARON, NATHAN	PHAGOCYTOSIS OF BACTERIA VIA BACTERIAL SURFACE LECTINS	84,075
INSTITUTION TOTAL	4	312,864	
CITY TOTAL	4	312,864	
STATE TOTAL	4	312,864	
NEW ZEALAND			
PALMERSTON NORTH			
MASSEY UNIVERSITY			
1R01 HD20859-01A1	BAKER, EDWARD N	X-RAY STRUCTURAL STUDIES OF LACTOFERRIN	71,076
INSTITUTION TOTAL	1	71,076	
CITY TOTAL	1	71,076	
STATE TOTAL	1	71,076	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SWEDEN			
STOCKHOLM			
CAROLINE INSTITUTE			
1R01 CA42054-01A1	GUSTAFSSON, JAN-AKE	HORMONAL REGULATION OF LIVER CARCINOGENESIS	88,350
1R01 CA44882-01	KIESSLING, ROLF	REGULATION OF MALIGNANT & NORMAL CELLS BY NK CELLS	77,900
INSTITUTION TOTAL	2	166,250	
CITY TOTAL	2	166,250	
STATE TOTAL	2	166,250	
UNITED KINGDOM			
LONDON			
MEDICAL RESEARCH COUNCIL			
1R01 CA44126-01	ADAMS, GERALD E	RADIATION SENSITIZERS AND BIOREDUCTIVE DRUGS	92,210
INSTITUTION TOTAL	1	92,210	
CITY TOTAL	1	92,210	
STATE TOTAL	1	92,210	
TOTAL	1,558	136,736,508	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ALABAMA				
BIRMINGHAM				
SOUTHERN RESEARCH INSTITUTE				
1N01 ES75183-00	PREJEAN, JD		PRECHRONIC TOXICITY STUDY OF METHYLEUGENOL	250,521
1N01 ES75186-00	PREJEAN, JD		PRECHRONIC TOXICITY STUDIES OF SODIUM XYLENESULFONATE	253,653
INSTITUTION TOTAL	2	504,174		
CITY TOTAL	2	504,174		
STATE TOTAL	2	504,174		
ARIZONA				
SACATON				
GILA RIVER INDIAN COMMUNITY COUNCIL				
1N01 DK72292-00	JOHNSON, VIOLA		CENTER/DIABETES, ARTHRITIS, RENAL DISEASE IN COMMUNITY	99,007
INSTITUTION TOTAL	1	99,007		
CITY TOTAL	1	99,007		
STATE TOTAL	1	99,007		
CALIFORNIA				
BERKELEY				
THORATEC LABORATORIES CORPORATION--MERCOR, INC.				
1N44 HV78101-00	WHITE, KATHLEEN A		PROCUREMENT OF PRIMARY REFERENCE MATERIALS	247,556
INSTITUTION TOTAL	1	247,556		
UNIVERSITY OF CALIFORNIA AT BERKELEY				
1N01 HD72915-00	VAN DER BERG, BARBARA J		ADDRESS FILE--CHILD HEALTH AND DEVELOPMENT STUDIES	190,173
INSTITUTION TOTAL	1	190,173		
CITY TOTAL	2	437,729		
BREA				
MORAVEK BIOCHEMICALS, INC.				
1N44 CM77830-00	MORAVEK, JOSEF		CHEMICAL SYNTHESIS OF RADIOLABELED ANTITUMOR AGENTS	248,107
INSTITUTION TOTAL	1	248,107		
CITY TOTAL	1	248,107		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
CHATSWORTH				
BANNER GELATIN PRODUCTS CORPORATION				
1N01 CN75426-00	CHAISSON, DONALD		ENCAPSULATION OF SOFT GELATIN CAPSULES	1
INSTITUTION TOTAL	1	1		
CITY TOTAL	1	1		
DAVIS				
UNIVERSITY OF CALIFORNIA AT DAVIS				
1N01 AI72652-00	DONOVAN, RICHARD M		METHODS TO DETECT HIV AND RELATED RETROVIRUSES	244,850
INSTITUTION TOTAL	1	244,850		
CITY TOTAL	1	244,850		
DUARTE				
CITY OF HOPE NATIONAL MEDICAL CENTER				
1N01 CM73703-00	DOROSHOW, JAMES H		CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	724,021
INSTITUTION TOTAL	1	724,021		
CITY TOTAL	1	724,021		
IRVINE				
UNIVERSITY OF CALIFORNIA AT IRVINE				
1N01 ES75173-00	FAN, HUNG Y		IN VITRO TRANSFORMATION OF ONCOGENE PRIMED CELLS	209,421
INSTITUTION TOTAL	1	209,421		
CITY TOTAL	1	209,421		
LOMA LINDA				
LOMA LINDA UNIVERSITY				
1N01 HV32975-00	JUDKINS, MELVIN P		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	5,300
INSTITUTION TOTAL	1	5,300		
CITY TOTAL	1	5,300		
LOS ANGELES				
CEDARS-SINAI MEDICAL CENTER				
1N01 HC75072-00	GRAY, RICHARD		POST CORONARY ARTERY BYPASS GRAFT STUDY	73,095
INSTITUTION TOTAL	1	73,095		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1N01 NS32306-00	CHASE, MICHAEL H		OPERATION OF INFORMATION CTR--BRAIN/NEUROSCIENCES	409,446
1N01 AI72656-00	GIORGI, JANIA V		CORRELATES OR MARKERS OF IMMUNITY IN AIDS	455,875
INSTITUTION TOTAL	2	865,321		
CITY TOTAL	3	938,416		
MENLO PARK				
SRI INTERNATIONAL				
1N01 CM73715-00	LIM, PETER		ANALYSIS OF CHEMICALS AND PHARMACEUTICALS FORMULATIONS	334,221
1N01 ES75187-00	MORTELMANS, KRISTIEN		SALMONELLA MUTAGENICITY TESTING	102,160
1N01 CM73708-00	WILLIAM, LEE W		SYNTHESIS OF RADIOSENSITIZING AGENTS	202,101
INSTITUTION TOTAL	3	638,482		
CITY TOTAL	3	638,482		
MOUNTAIN VIEW				
LUXTRON CORPORATION				
1N44 CM77841-00	MEI, SUN		FIBEROPTIC TEMPERATURE SENSOR/CATHETERS/HYPERTHERMIA	222,414
INSTITUTION TOTAL	1	222,414		
CITY TOTAL	1	222,414		
POMONA				
V-TECH, INC.				
1N01 CM73711-00	MARKHAM, P D		PROCUREMENT OF MONOCYTES, MACROPHAGES & T & B CELLS	167,246
INSTITUTION TOTAL	1	167,246		
CITY TOTAL	1	167,246		
SAN FRANCISCO				
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO				
1N01 HV33101-00	WILLIAMS, G Z		SUPPORT FOR CENTRAL LABORATORY	333,417
INSTITUTION TOTAL	1	333,417		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1N01 CM73702-00	RAYNER, ANTHONY A		CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	905,065
INSTITUTION TOTAL	1	905,065		
CITY TOTAL	2	1,238,482		

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
STANFORD				
STANFORD UNIVERSITY				
1N01 HV32974-00	ALDERMAN, EDWIN L		CORONARY ARTERY SURGERY COLLABORATIVE STUDIES	5,352
1N01 AI72657-00	ENGLEMAN, EDGAR G		CORRELATES OR MARKERS OF IMMUNITY IN AIDS	336,689
INSTITUTION TOTAL	2	342,041		
CITY TOTAL	2	342,041		
VAN NUYS				
BIO-SCIENCE LABORATORIES				
1N01 HV32961-00	WYBENGO, DONALD R		FOLLOW-UP & TOXICITY BLOOD DETERMINATIONS--LRC PATIENTS	260,000
INSTITUTION TOTAL	1	260,000		
CITY TOTAL	1	260,000		
STATE TOTAL	21	5,676,510		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1N01 CN33235-00	MC COLLUM, ROBERT W		SUPPORT FOR CANCER EPIDEMIOLOGY PROGRAM	54,299
INSTITUTION TOTAL	1	54,299		
CITY TOTAL	1	54,299		
STATE TOTAL	1	54,299		
DIST OF COL				
WASHINGTON				
AMERICAN NATIONAL RED CROSS				
1N01 CL72105-00	LEE, JOHN		HLA TYPING AND MATCHING SERVICES	225,567
INSTITUTION TOTAL	1	225,567		
GEORGE WASHINGTON UNIVERSITY				
1N01 HV32931-00	LA ROSA, JOHN C		SUPPORT FOR LIPID RESEARCH CLINIC CENTER	269,000
INSTITUTION TOTAL	1	269,000		
GROUP OPERATIONS, INC.				
1N01 HD72917-00	CHANG, DAVID		SUPPORT FOR BEDOUIN/NORTH AFRICAN INFANT FEEDING STUDY	38,172
INSTITUTION TOTAL	1	38,172		

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
DIST OF COL				
WASHINGTON				
PAN AMERICAN HEALTH ORGANIZATION				
1N01 AI72649-00	ST JOHN, RONALD K		HIV INFECTION IN THE CARIBBEAN AND LATIN AMERICA	1,215,856
1N43 AI72649-00	ST JOHN, RONALD K		HIV INFECTION AND OTHER RELATED RETROVIRUSES	1,215,856
INSTITUTION TOTAL	2	2,431,712		
SMITHSONIAN INSTITUTION				
1N01 CB33874-00	PAWSON, DAVID L		REGISTRY OF TUMORS IN LOWER ANIMALS	97,412
INSTITUTION TOTAL	1	97,412		
CITY TOTAL	6	3,061,863		
STATE TOTAL	6	3,061,863		
FLORIDA				
MIAMI BEACH				
MIAMI HEART INSTITUTE				
1N01 HV32979-00	GOSSELIN, AUTHUR J		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	3,900
INSTITUTION TOTAL	1	3,900		
CITY TOTAL	1	3,900		
SAINT PETERSBURG				
LIFE SCIENCES, INC.				
1N01 CP33291-00	BEARD, JOSEPH W		STUDY OF AVIAN LEUKOSIS VIRUSES	433,215
1N01 CP33205-00	FRANKEL, JACK W		STUDY OF THE MAREK'S DISEASE HERPES VIRUS	534,060
INSTITUTION TOTAL	2	967,275		
CITY TOTAL	2	967,275		
STATE TOTAL	3	971,175		
GEORGIA				
ATHENS				
UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA				
1N01 CM73712-00	CADWALLADER, DONALD E		SHELF LIFE EVALUATION OF CLINICAL DRUGS	233,787
INSTITUTION TOTAL	1	233,787		
CITY TOTAL	1	233,787		
STATE TOTAL	1	233,787		

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS			
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1N01 CM73704-00	FISHER, RICHARD I	CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	738,277
INSTITUTION TOTAL	1	738,277	
CITY TOTAL	1	738,277	
STATE TOTAL	1	738,277	
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1N01 AI72647-00	SMITH, JAMES W	DRUGS FOR TREATMENT OF PNEUMOCYSTIS CARINII	253,787
INSTITUTION TOTAL	1	253,787	
CITY TOTAL	1	253,787	
STATE TOTAL	1	253,787	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
1N01 CP33255-00	MEIER, HANS	NATURAL OCCURRENCE OF RNA TUMOR VIRUSES	400,000
INSTITUTION TOTAL	1	400,000	
CITY TOTAL	1	400,000	
STATE TOTAL	1	400,000	
MARYLAND			
BALTIMORE			
MARYLAND MEDICAL RESEARCH INSTITUTE			
1N01 HC75076-00	KNATTERUD, GENELL L	POST CORONARY ARTERY BYPASS GRAFT STUDY	131,358
INSTITUTION TOTAL	1	131,358	
CITY TOTAL	1	131,358	
BETHESDA			
COSTABILE ASSOCIATES			
1N01 LM73508-00	SULLIVAN, CONSTANCE	REVISING CATALOGING IN PUBLICATION RECORDS	106,432
INSTITUTION TOTAL	1	106,432	

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MARYLAND				
BETHESDA				
DARYL LABORATORIES, INC.--MICROBIOLOGICAL ASSOCIATES, INC.				
1N01 ES75188-00	HAWORTH, STEVE R		SALMONELLA MUTAGENICITY TESTING	125,258
1N01 CP33248-00	NIMS, ROBERT M		BIOASSAYS OF ANIMAL TUMOR VIRUSES	620,000
1N01 CP33288-00	PARKER, JOHN C, II		VIRUS TYPING AND DIAGNOSTIC REAGENTS	475,000
1N01 CM73728-00	PETERS, ROBERT L		OPERATION OF AN ANIMAL VIROLOGICAL LABORATORY	110,512
INSTITUTION TOTAL	4	1,330,770		
SOCIAL AND SCIENTIFIC SYSTEMS				
1N01 CM73709-00	HURT, MAURE		SUPPORT SERVICES FOR CTEP	1,468,688
INSTITUTION TOTAL	1	1,468,688		
CITY TOTAL	6	2,905,890		
FREDERICK				
QUALTECH, INC.				
1N01 ES75172-00	ERRICO, PAMELA H		DATA AUDITING SUPPORT RESOURCES CONTRACTS	140,327
INSTITUTION TOTAL	1	140,327		
CITY TOTAL	1	140,327		
KENSINGTON				
CORNING GLASS WORKS--BIONETICS RESEARCH, INC.				
1N01 CM73725-00	MARKHAM, P D		PREPARATION AND PURIFICATION OF VIRAL COMPONENTS	179,936
1N01 CM73722-00	SARNGADHARAN, M G		TISSUES, CELLS, TESTS--TUMOR CELL BIOLOGICAL STUDIES	672,928
INSTITUTION TOTAL	2	852,864		
CITY TOTAL	2	852,864		
LANHAM-SEABROOK				
CHEUNG LABORATORIES, INC.				
1N44 CM77838-00	SUN, MEI		ARRAY APPLICATOR SYSTEM FOR DEEP TISSUE HYPERTHERMIA	250,000
INSTITUTION TOTAL	1	250,000		
CITY TOTAL	1	250,000		
LAUREL				
PHARMACOPATHICS RESEARCH LABORATORIES				
1N01 CB33887-00	TEGERIS, ANDREW S		MAINTAIN AN ANIMAL HOLDING FACILITY	83,448
INSTITUTION TOTAL	1	83,448		

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	83,448	
MARYLAND			
ROCKVILLE			
BIOTECH RESEARCH LABORATORIES, INC.			
1N43 AI72675-00	BODNER, ANNE J	ELISA TEST/ANTIBODIES TO HUMAN B-LYMPHOTROPIC VIRUS	49,966
1N43 AI72669-00	DUSING-SWARTZ, SANDRA	NON-RADIOACTIVE DNA PROBES FOR DETECTION OF HBLV	47,158
1N01 AI72653-00	NUTTER, JOHN	METHODS TO DETECT SIV AND RELATED RETROVIRUSES	182,420
1N01 CM73724-00	TSAI, SHIEN	PREPARATION AND SUPPLY OF FRESH AND CULTURED MAMMALIAN	132,251
INSTITUTION TOTAL	4	411,795	
FAST SYSTEMS, INC.			
1N43 AI72668-00	WAXDEL, MYRON I	PRODUCTION OF HLA MONOCLONAL ANTIBODIES BY B CELL LINES	43,228
INSTITUTION TOTAL	1	43,228	
LARGE SCALE BIOLOGY CORPORATION			
1N43 AI72672-00	ANDERSON, NORMAN G	FAST CLINICAL IMMUNOVIROLOGY	47,625
INSTITUTION TOTAL	1	47,625	
PROSPECT ASSOCIATES, LTD.			
1N01 DK72293-00	SINGER, DALE	SUPPORT FOR NATIONAL KIDNEY AND UROLOGIC DISEASE BOARD	151,631
1N01 DK72290-00	WILCOX, SANDRA	SUPPORT SERVICES FOR NATIONAL INFORMATION	734,250
INSTITUTION TOTAL	2	885,881	
TECHNICAL RESOURCES, INC.			
1N01 CP71114-00	LEE, ANTHONY	SURVEY OF COMPOUNDS TESTED FOR CARCINOGENICITY	169,722
INSTITUTION TOTAL	1	169,722	
CITY TOTAL	9	1,558,251	
SEABROOK			
BUSINESS AND TECHNOLOGICAL SYSTEMS, INC.			
1N43 NS72393-00	LORAMORE, WALLACE E	AUTOMATIC ENHANCEMENT OF CLINICAL EVOKED POTENTIALS	44,186
INSTITUTION TOTAL	1	44,186	
CITY TOTAL	1	44,186	
STATE TOTAL	22	5,966,324	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
1N01 HC33106-00	DAWBER, THOMAS R	SUPPORT FOR CLINICAL CENTER FOR HEART DISEASE	398,733
INSTITUTION TOTAL	1	398,733	
MASSACHUSETTS GENERAL HOSPITAL			
1N01 HV32985-00	MUNDTH, ELDRED D	STUDY OF CORONARY ARTERY SURGERY	3,500
INSTITUTION TOTAL	1	3,500	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1N01 CM73706-00	PARKINSON, DAVID R	CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	792,416
INSTITUTION TOTAL	1	792,416	
CITY TOTAL	3	1,194,649	
CAMBRIDGE			
ARTHUR D. LITTLE, INC.			
1N01 CM33727-00	KENSLER, CHARLES J	COORDINATED PROGRAM IN CANCER CHEMOTHERAPY	2,335,544
1N01 HV32916-00	KETTERINGHAM, JOHN M	PREPARATION--POLYALKYLSULFONE HOMO-POLYMERS/CO-POLYMERS	73,571
INSTITUTION TOTAL	2	2,409,115	
COMPUTER SPORTS MEDICINE, INC.			
1N44 NS72390-00	POTASH, RICHARD J	TIME SYNCHRONIZED PARALLEL DATA COLLECTING & PROCESSING	233,862
INSTITUTION TOTAL	1	233,862	
THERMAL TECHNOLOGIES, INC.			
1N44 CM77855-00	NEWMAN, WILLIAM H	THERMAL DISSIPATIVE MECHANISM FOR TUMOR HYPERTHERMIA	250,000
INSTITUTION TOTAL	1	250,000	
CITY TOTAL	4	2,892,977	
MALDEN			
MEDICAL LASER RESEARCH AND DEVELOPMENT CORPORATION			
1N44 CM77832-00	ITZKAN, IRVING	NONCHARRING HEMOSTATIC SURGICAL LASER SYSTEM	281,781
INSTITUTION TOTAL	1	281,781	
CITY TOTAL	1	281,781	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
NEWTON			
INTEGRATED CHEMICAL SENSORS CORPORATION			
1N43 AI72667-00	HENDRICKS, MARVIN B	IMPROVE EXPRESS OF TRANSFECTED IMMUNOGLOBULIN GENES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SUDBURY			
MICRODROP/ACORN			
1N44 ES71011-00	TRAUTMAN, EDWIN D	GROWTH AND MAINTENANCE OF MAMMALIAN PRIMARY CELLS	150,000
INSTITUTION TOTAL	1	150,000	
CITY TOTAL	1	150,000	
WATERTOWN			
RADIATION MONITORING DEVICES, INC.			
1N44 CM77842-00	ENTINE, GERALD	MULTI-LEAF COLLIMATOR-RADIATION TREATMENT ACCELERATORS	225,618
INSTITUTION TOTAL	1	225,618	
CITY TOTAL	1	225,618	
WILMINGTON			
KOCH INDUSTRIES--ABCOR, INC.			
1N01 HD32738-00	NUWAYSER, ELIE S	DELIVERY OF DRUGS TO THE CERVIX	254,856
INSTITUTION TOTAL	1	254,856	
CITY TOTAL	1	254,856	
STATE TOTAL	12	5,049,881	
MICHIGAN			
ANN ARBOR			
LYLE VETERINARY LABORATORIES			
1N01 AG72102-00	COHEN, BENNETT J	PATHOLOGY MONITORING AGED HYBRID RAT COLONY	14,299
INSTITUTION TOTAL	1	14,299	
CITY TOTAL	1	14,299	
MIDLAND			
DOW CHEMICAL COMPANY			
1N01 ES32102-00	SCHWETZ, BERNARD A	EFFECT OF ENVIRONMENT ON REPRODUCTION AND ONCOGENESIS	275,567

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	275,567		
CITY TOTAL	1	275,567		
STATE TOTAL	2	289,866		
MINNESOTA				
MINNEAPOLIS				
HEALTH MANAGEMENT SYSTEMS ASSOCIATES				
1N01 CL72101-00	POLLIARD, FORBES W		PATIENT CLASSIFICATION SYSTEM	297,755
INSTITUTION TOTAL	1	297,755		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1N01 HC75074-00	HUNNINGHAKE, DONALD		POST CORONARY ARTERY BYPASS GRAFT STUDY	54,495
INSTITUTION TOTAL	1	54,495		
CITY TOTAL	2	352,250		
ROCHESTER				
MAYO FOUNDATION				
1N01 CB33899-00	AHMANN, DAVID L		CHEMOTHERAPY UTILIZING 5-FU, CYTOXAN AND PREDNISONE	93,430
1N01 HV32984-00	BARNHORST, DONALD A		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	3,880
1N01 AI72650-00	CHELLA, DAVID		ACQUISITION/PRODUCT OF REAGENTS AGAINST H-2 CELLS	126,046
INSTITUTION TOTAL	3	223,356		
CITY TOTAL	3	223,356		
STATE TOTAL	5	575,606		
MISSOURI				
KANSAS CITY				
MIDWEST RESEARCH INSTITUTE				
1N01 CM73713-00	MURRILL, EVELYN		ANALYSIS OF CHEMICALS AND PHARMACEUTICALS FORMULATIONS	317,927
INSTITUTION TOTAL	1	317,927		
CITY TOTAL	1	317,927		
SAINT LOUIS				
ST. LOUIS UNIVERSITY				
1N01 HV32980-00	KAISER, GEORGE C		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	3,656
INSTITUTION TOTAL	1	3,656		

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	3,656		
STATE TOTAL	2	321,583		
MONTANA				
HAMILTON				
RIBI IMMUNOCHEM RESEARCH, INC.				
1N43 AI72670-00	MYERS, KENT R		LIPOSOME IMMUNOSTIMULANT ADJUVANT SYSTEM	49,182
INSTITUTION TOTAL	1	49,182		
CITY TOTAL	1	49,182		
STATE TOTAL	1	49,182		
NEW JERSEY				
BOUND BROOK				
UNION CARBIDE CORPORATION--BOUND BROOK TECHNICAL CENTER				
1N01 HV32950-00	KWIATKOWSKI, GEORGE T		BLOOD COMPATIBLE POLY-ELECTROLYTES	49,918
INSTITUTION TOTAL	1	49,918		
CITY TOTAL	1	49,918		
MOUNT LAUREL				
SENSOR ELECTRONICS, INC.				
1N43 NS72394-00	LANGBERG, EDWIN		MAGNETIC TACTILE ARRAY	49,947
INSTITUTION TOTAL	1	49,947		
CITY TOTAL	1	49,947		
SOUTH PLAINFIELD				
ENZON, INC.				
1N44 HB77028-00	TODO, JOHN		ASSAY METHODS TO DETECT CYTOMEGALOVIRUS	214,464
INSTITUTION TOTAL	1	214,464		
CITY TOTAL	1	214,464		
STATE TOTAL	3	314,329		
NEW MEXICO				
ALBUQUERQUE				
UNIVERSITY OF NEW MEXICO ALBUQUERQUE				
1N01 CN33344-00	KEY, CHARLES R		SUPPORT FOR TUMOR REGISTRY	168,962

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	168,962	
CITY TOTAL	1	168,962	
NEW MEXICO			
SANTA FE			
SANTA FE INSTITUTE			
1N01 RR72103-00	MOROWITZ, HAROLD J	PROVIDE A MATRIX OF BIOLOGICAL KNOWLEDGE	100,000
INSTITUTION TOTAL	1	100,000	
CITY TOTAL	1	100,000	
STATE TOTAL	2	268,962	
NEW YORK			
BUFFALO			
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
1N01 CP71018-00	SANDBERG, AVERY A	SOLID TUMOR CHROMOSOME ANALYSIS	34,135
INSTITUTION TOTAL	1	34,135	
CITY TOTAL	1	34,135	
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1N01 AI72660-00	BEKESI, GEORGE	CORRELATES OR MARKERS OF IMMUNITY IN AIDS	327,365
INSTITUTION TOTAL	1	327,365	
ENZO BIOCHEM, INC.			
1N01 AI72655-00	ROSENSTRAUS, MAURICE	METHODS TO DETECT HIV AND RELATED RETROVIRUSES	517,720
INSTITUTION TOTAL	1	517,720	
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES			
1N01 CP71126-00	JHANWAR, SURESH C	SOLID TUMOR CHROMOSOME ANALYSIS	49,069
INSTITUTION TOTAL	1	49,069	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
1N01 AI72661-00	SAFAI, BIJAN	CORRELATES OR MARKERS OF IMMUNITY IN AIDS	214,085
INSTITUTION TOTAL	1	214,085	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
NEW YORK			
MONTEFIORE MEDICAL CENTER			
1N01 CM73705-00	WIERNIK, PETER H	CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	624,759
INSTITUTION TOTAL	1	624,759	
NEW YORK UNIVERSITY			
1N01 HV32976-00	GLASSMAN, EPHRAIM	COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	3,096
1N01 AI72658-00	PAZNER, ZOLLASUSAN	CORRELATES OR MARKERS OF IMMUNITY IN AIDS	257,955
1N01 AI72659-00	VALENTINE, FRED T	CORRELATES OR MARKERS OF IMMUNITY IN AIDS	290,527
INSTITUTION TOTAL	3	551,578	
ST. LUKE'S-ROOSEVELT HOSPITAL CENTER			
1N01 HV32978-00	KEMP, HARVEY G, JR	COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	3,240
INSTITUTION TOTAL	1	3,240	
CITY TOTAL	9	2,287,816	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1N01 CP33361-00	LANE, BERNARD P	STUDY OF CARCINOGENESIS IN ORGAN CULTURE	185,000
INSTITUTION TOTAL	1	185,000	
CITY TOTAL	1	185,000	
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT SYRACUSE			
1N01 AI72654-00	DUGGAN, DAVID B	METHODS TO DETECT HIV AND RELATED RETROVIRUSES	347,139
INSTITUTION TOTAL	1	347,139	
CITY TOTAL	1	347,139	
STATE TOTAL	12	2,854,090	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1N01 AI72651-00	FRELINGER, JEFFREY A	REAGENTS AGAINST H-2 CELL MEMBRANE ANTIGENS	110,716
1N01 AI72648-00	TIDWELL, RICHARD R	ADDITIONAL DRUGS FOR TREATMENT OF PNEUMOCYSTIS	158,347
INSTITUTION TOTAL	2	269,063	
CITY TOTAL	2	269,063	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NORTH CAROLINA				
RESEARCH TRIANGLE PARK				
ENVIRONMENTAL HEALTH RESEARCH AND TESTING, INC.				
1N01 ES75171-00	OLLER, WILLIAM L		LAB PRACTICES COMPLIANCE AND DATA AUDITING SUPPORT	164,384
INSTITUTION TOTAL	1	164,384		
RESEARCH TRIANGLE INSTITUTE				
1N01 CM73714-00	HINES, JOHN		ANALYSIS OF CHEMICALS AND PHARMACEUTICALS FORMULATIONS	346,259
1N01 HD72914-00	LYNCH, JUDITH		STUDY OF CHILDREN EXPOSED TO CHLORIDE DEFICIENT FORMULA	402,559
1N01 HD32741-00	WALL, MONROE E		BIODEGRADABLE POLYMERS AND CONTRACEPTIVE DRUGS	296,811
INSTITUTION TOTAL	3	1,045,629		
CITY TOTAL	4	1,210,013		
STATE TOTAL	6	1,479,076		
OHIO				
CINCINNATI				
UNIVERSITY OF CINCINNATI AT CINCINNATI				
1N01 AI72646-00	WALZER, PETER D		DEVELOPMENT OF ADDITIONAL DRUGS FOR PENUMOCYSTIS CARINII	283,939
INSTITUTION TOTAL	1	283,939		
CITY TOTAL	1	283,939		
CLEVELAND				
CLEVELAND CLINIC FOUNDATION				
1N01 HC75073-00	HOOGWERF, BYRON		POST CORONARY ARTERY BYPASS GRAFT STUDY	60,262
INSTITUTION TOTAL	1	60,262		
CITY TOTAL	1	60,262		
COLUMBUS				
BATTELLE MEMORIAL INSTITUTE				
1N01 ES75180-00	PETERS, ARTHUR C		SUBCHRONIC TOXICITY STUDY OF DIMETHYLFORMAMIDE	109,488
1N01 ES75184-00	PETERS, ARTHUR C		PRECHRONIC TOXICITY STUDIES OF DIBUYL PHTHALATE	1,519,698
1N01 ES75190-00	PETERS, ARTHUR C		PRECHRONIC TOXICITY STUDIES OF 2,3-DICHLOROPROPYLENE	93,538
1N01 ES75192-00	PETERS, ARTHUR C		PRECHRONIC TOXICITY STUDIES OF BLACKM NEWSPRINT INKS	402,737
1N01 ES75194-00	PETERS, ARTHUR C		PRECHRONIC TOXICITY STUDIES OF CHEMICAL MIXTURES	551,06
INSTITUTION TOTAL	5	2,676,528		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
OHIO			
COLUMBUS			
OHIO STATE UNIVERSITY			
1N01 CM73701-00	MALSPEIS, LOUIS	CLINICAL PHARMACOKINETICS OF ANTICANCER DRUGS	141,907
INSTITUTION TOTAL	1	141,907	
CITY TOTAL	6	2,818,435	
DAYTON			
HIPPLE CANCER RESEARCH CENTER			
1N44 CM77831-00	MURPHY, MARTIN J	IN VITRO ANTINEOPLASTIC DRUG TOXICOLOGY CHARACTERIZATION	244,834
INSTITUTION TOTAL	1	244,834	
WRIGHT STATE UNIVERSITY			
1N01 HV33108-00	KEZDI, PAUL	SUPPORT FOR CLINICAL CENTER FOR HEART DISEASE	329,585
INSTITUTION TOTAL	1	329,585	
CITY TOTAL	2	574,419	
STATE TOTAL	10	3,737,055	
PENNSYLVANIA			
HORSHAM			
ARGUS RESEARCH LABORATORIES, INC.			
1N01 ES75170-00	GOEKE, JANE E	LAB PRACTICES COMPLIANCE AND DATA AUDITING SUPPORT	109,382
INSTITUTION TOTAL	1	109,382	
CITY TOTAL	1	109,382	
PHILADELPHIA			
LANKENAU HOSPITAL			
1N01 HV33110-00	HOLMES, WILLIAM L	SUPPORT FOR CLINICAL CENTER FOR HEART DISEASE	333,856
INSTITUTION TOTAL	1	333,856	
THOMAS JEFFERSON UNIVERSITY			
1N01 AI32502-00	SMITH, HARRY L, JR	SCREENING HISTOCOMPATIBILITY TESTING REAGENTS	35,450
INSTITUTION TOTAL	1	35,450	
CITY TOTAL	2	369,306	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1N01 HV33109-00	KULLER, LEWIS H	SUPPORT FOR CLINICAL CENTER FOR CORONARY HEART DISEASE	324,862
INSTITUTION TOTAL	1	324,862	
CITY TOTAL	1	324,862	
STATE TOTAL	4	803,550	
SOUTH CAROLINA			
COLUMBUS			
DOTY SCIENTIFIC, INC.			
1N44 CM77804-00	DOTY, F DAVID	HIGH PERFORMANCE CLASS AB PULSE AMPLIFIERS FOR MRI	309,134
INSTITUTION TOTAL	1	309,134	
CITY TOTAL	1	309,134	
STATE TOTAL	1	309,134	
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 AI32506-00	COUCH, ROBERT B	COLLECT SPECIMENS TO DETECT ETIOLOGIC AGENTS OF AIDS	210,000
1N01 HC75071-00	HERD, J ALAN	HOST CORONARY ARTERY BYPASS GRAFT STUDY	46,685
INSTITUTION TOTAL	2	256,685	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1N01 CB33888-00	GUTTERMAN, JORDAN U	CANCER IMMUNOTHERAPY	463,000
INSTITUTION TOTAL	1	463,000	
CITY TOTAL	3	719,685	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH			
1N01 HB77029-00	EICHBERG, JORG W	HEPATITIS AND AIDS RESEARCH	488,954
INSTITUTION TOTAL	1	488,954	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1N01 CM73707-00	WEISS, GEOFFREY R	CLINICAL TRIALS OF ACTIVATED HUMAN LEUKOCYTES	717,890
INSTITUTION TOTAL	1	717.890	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2	1,206,844		
STATE TOTAL	5	1,926,529		
VIRGINIA				
ANNANDALE				
JWK INTERNATIONAL CORPORATION				
1N43 HC75077-00	HERNANDEZ, TERESITA B		CAI MODULES ON CVD--NUTRITION	49,976
INSTITUTION TOTAL	1	49,976		
CITY TOTAL	1	49,976		
FAIRFAX				
COMPREHENSIVE TECHNOLOGIES INTERNATIONAL, INC.				
1N01 LM73507-00	ASAY, CHARLES E		SYSTEMS DEVELOPMENT AND TRAINING SUPPORT	49,961
INSTITUTION TOTAL	1	49,961		
CITY TOTAL	1	49,961		
HERNDON				
HAZLETON LABORATORIES CORPORATION				
1N01 CB71010-00	BLANK, MICHAEL		RADIOIMMUNOASSAY & ENZYME LINKED IMMUNOASSAYS	214,664
1N01 HD72913-00	TACEY, RICHARD		PERFORMANCE OF RADIOIMMUNOASSAYS AND RADIOIDINATIONS	1,029,500
INSTITUTION TOTAL	2	1,244,164		
CITY TOTAL	2	1,244,164		
MC LEAN				
FLOW GENERAL--FLOW RESEARCH INSTITUTE				
1N01 AI32521-00	GILDEN, RAYMOND V		SUPPORT FOR VIRUS AND TISSUE-CULTURE LABORATORIES	424,500
INSTITUTION TOTAL	1	424,500		
GOVERNMENT SYSTEMS INTEGRATION CORPORATION				
1N01 LM73509-00	BECKELHEIMER, MEL		3084 MULTI-PROCESSOSR TITLE UPGRADE	650,000
INSTITUTION TOTAL	1	650,000		
CITY TOTAL	2	1,074,500		
NORFOLK				
OLD DOMINION UNIVERSITY				
1N01 ES75181-00	OSGOOD, CHRISTOPHER		TEST FOR CHEMICALLY-INDUCED TRANSPOSITION IN DROSOPHILA	152,773

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	152,773		
CITY TOTAL	1	152,773		
VIRGINIA				
SPRINGFIELD				
RORER GROUP, INC.--MELOY LABORATORIES, INC.				
1N01 HI32926-00	INNERARITY, THOMAS L		PREPARATION AND ANALYSIS OF LIPOPROTEINS	49,870
1N01 AI32504-00	ROGERS, LAYTON		SUPPORT FOR ANIMAL-CARE FACILITY	190,880
INSTITUTION TOTAL	2	240,750		
CITY TOTAL	2	240,750		
STATE TOTAL	9	2,812,124		
WASHINGTON				
RICHLAND				
BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION				
1N01 ES75189-00	CHOU, BILLY J		PRECHRONIC AND CHRONIC TOXICITY STUDY OF NITROMETHANE	193,831
INSTITUTION TOTAL	1	193,831		
CITY TOTAL	1	193,831		
SEATTLE				
UNIVERSITY OF WASHINGTON				
1N01 HV78100-00	DAVIS, KATHRYN B		BALLOON VALVULOPLASTY REGISTRY	300,000
1N01 HV32973-00	KRONMAL, RICHARD A		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	48,892
INSTITUTION TOTAL	2	348,892		
CITY TOTAL	2	348,892		
STATE TOTAL	3	542,723		
WISCONSIN				
MARSHFIELD				
MARSHFIELD MEDICAL RESEARCH FOUNDATION				
1N01 HV32981-00	SAUTTER, RICHARD D		COLLABORATIVE STUDIES ON CORONARY ARTERY SURGERY	4,046
INSTITUTION TOTAL	1	4,046		
CITY TOTAL	1	4,046		
STATE TOTAL	1	4,046		

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
AUSTRALIA			
PARKVILLE			
UNIVERSITY OF MELBOURNE			
1N01 NS72342-00	CLARK, GRAEME M	PEDIATRIC AUDITORY PROSTHESIS IMPLANTS	337,907
INSTITUTION TOTAL	1	337,907	
CITY TOTAL	1	337,907	
STATE TOTAL	1	337,907	
CANADA			
MONTREAL			
MONTREAL HEART INSTITUTE			
1N01 HV32983-00	BOURASSA, MARTIAL G	COLLABORATIVE STUDY OF SURGERY ON CORONARY ARTERIES	2,810
1N01 HC75075-00	CAMPEAU, LUCIEN	POST CORONARY ARTERY BYPASS GRAFT STUDY	34,416
INSTITUTION TOTAL	2	37,226	
CITY TOTAL	2	37,226	
STATE TOTAL	2	37,226	
ISRAEL			
JERUSALEM			
ISRAELI MINISTRY OF HEALTH--CENTER OF REGISTRATION OF CANCER AND ALLIED DISEASES			
1N01 CN33351-00	STEINITZ, RUTH	STUDY OF CANCER INCIDENCE	29,631
INSTITUTION TOTAL	1	29,631	
CITY TOTAL	1	29,631	
STATE TOTAL	1	29,631	
SWEDEN			
GOTHENBURG			
GOTHENBURG UNIVERSITY			
1N01 HD72906-00	TROLLFORS, BIRGER C	EFFECTIVENESS PERTUSSIS TOXIN FOR PREVENTION--TOXXOID	24,000
INSTITUTION TOTAL	1	24,000	
CITY TOTAL	1	24,000	
STATE TOTAL	1	24,000	
TOTAL	143	39,725,703	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1T32 DK07545-01	BENOS, DALE J	TRAINING IN CELLULAR PHYSIOLOGY MEMBRANE TRANSPORT	61,085
INSTITUTION TOTAL	1	61,085	
CITY TOTAL	1	61,085	
STATE TOTAL	1	61,085	
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
1T32 NS07309-01	STUART, DOUGLAS G	TRAINING PROGRAM IN MOTOR-CONTROL NEUROBIOLOGY	103,651
INSTITUTION TOTAL	1	103,651	
CITY TOTAL	1	103,651	
STATE TOTAL	1	103,651	
CALIFORNIA			
LA JOLLA			
LA JOLLA CANCER RESEARCH FOUNDATION			
1T32 CA09579-01	GOETINCK, PAUL F	CELL-MATRIX INTERACTIONS	67,777
INSTITUTION TOTAL	1	67,777	
CITY TOTAL	1	67,777	
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
1T32 GM08243-01	RIMOIN, DAVID L	MEDICAL GENETICS	118,817
INSTITUTION TOTAL	1	118,817	
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1T32 GM08185-01	LANGE, KENNETH L	NIGMS SYSTEMS AND INTEGRATIVE BIOLOGY	55,805
INSTITUTION TOTAL	1	55,805	
CITY TOTAL	2	174,622	
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1T32 DE07172-01A1	HULLEY, STEPHEN B	DENTAL CLINICAL EPIDEMIOLOGY PROGRAM	74,943

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA				
SAN FRANCISCO				
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
1T32 NR07034-01	ROBINSON, CONNIE R		RESEARCH TRAINING IN NEUROSCIENCE NURSING	53,870
INSTITUTION TOTAL	2	128,813		
CITY TOTAL	2	128,813		
STATE TOTAL	5	371,212		
CONNECTICUT				
NEW HAVEN				
YALE UNIVERSITY				
1T35 HL07649-01	FORREST, JOHN N		SHORT-TERM RESEARCH TRAINING	65,221
1T15 LM07056-01	MILLER, PERRY L		MEDICAL INFORMATICS RESEARCH TRAINING AT YALE	128,657
INSTITUTION TOTAL	2	193,878		
CITY TOTAL	2	193,878		
STATE TOTAL	2	193,878		
FLORIDA				
CORAL GABLES				
UNIVERSITY OF MIAMI				
1T32 NR07044-01	DREHER, MELANIE C		TRANSCULTURAL NURSING RESEARCH	34,405
INSTITUTION TOTAL	1	34,405		
CITY TOTAL	1	34,405		
STATE TOTAL	1	34,405		
GEORGIA				
ATLANTA				
EMORY UNIVERSITY				
1T32 GM08169-01	GUNN, ROBERT B		MEDICAL SCIENTIST	41,992
INSTITUTION TOTAL	1	41,992		
CITY TOTAL	1	41,992		
STATE TOTAL	1	41,992		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
1T32 HL07655-01	CARLSON, JOHN G	MINORITY INSTITUTIONAL RESEARCH TRAINING PROGRAM	60,081
INSTITUTION TOTAL	1	60,081	
CITY TOTAL	1	60,081	
STATE TOTAL	1	60,081	
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
1T32 HD07333-01	GREENOUGH, WILLIAM T	DEVELOPMENT PSYCHOBIOLOGY AND NEUROBIOLOGY	55,328
INSTITUTION TOTAL	1	55,328	
CITY TOTAL	1	55,328	
CHICAGO			
NORTHWESTERN UNIVERSITY			
1T32 GM08152-01	ROWND, ROBERT H	MEDICAL SCIENTIST TRAINING PROGRAM	60,284
INSTITUTION TOTAL	1	60,284	
UNIVERSITY OF CHICAGO			
1T32 CA09576-01	SKINNER, DAVID B	SURGICAL ONCOLOGY RESEARCH TRAINING PROGRAM	69,279
INSTITUTION TOTAL	1	69,279	
CITY TOTAL	2	129,563	
STATE TOTAL	3	184,891	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1T32 DK07552-01	COFFEY, DONALD S	UROLOGICAL RESEARCH TRAINING GRANT	119,180
1T32 AG00161-01	EATON, WILLIAM W	PSYCHIATRIC EPIDEMIOLOGY TRAINING GRANT	53,403
1T32 CA09548-01A1	GROSSMAN, LAWRENCE	TRAINING IN FUNDAMENTAL APPROACHES TO CANCER RESEARCH	69,534
1T32 CA09574-01	GROSSMAN, STUART A	RESEARCH TRAINING IN NEURO-ONCOLOGY FOR NEUROSURGEONS	28,909
INSTITUTION TOTAL	4	271,026	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR		TITLE OF PROGRAM	DOLLARS AWARDED
MARYLAND				
BALTIMORE				
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS				
1T32 GM08181-01	BLAUSTEIN, MORDECAI P		TRAINING PROGRAM IN INTEGRATIVE MEMBRANE BIOLOGY	51,125
INSTITUTION TOTAL	1	51,125		
CITY TOTAL	5	322,151		
STATE TOTAL	5	322,151		
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN AT ANN ARBOR				
1T32 NR07042-01	KETEFIAN, SHAKE		NURSE SCIENTIST TRAINING: PHENOMENA OF HEALTH & ILLNESS	113,882
INSTITUTION TOTAL	1	113,882		
CITY TOTAL	1	113,882		
DETROIT				
WAYNE STATE UNIVERSITY				
1T32 NS07305-01	MATHOG, ROBERT H		RESEARCH TRAINING IN OTOLARYNGOLOGY	93,855
INSTITUTION TOTAL	1	93,855		
CITY TOTAL	1	93,855		
EAST LANSING				
MICHIGAN STATE UNIVERSITY				
1T32 NS07279-01A1	HATTON, GLENN I		INTERDISCIPLINARY NEUROSCIENCE TRAINING PROGRAM	127,514
INSTITUTION TOTAL	1	127,514		
CITY TOTAL	1	127,514		
STATE TOTAL	3	335,251		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL				
1T32 AR07555-01	THOMPSON, ROBY C, JR		MUSCULOSKELETAL/ORTHOPEDICS SCIENCES TRAINING PROGRAM	58,623
INSTITUTION TOTAL	1	58,623		
CITY TOTAL	1	58,623		
STATE TOTAL	1	58,623		

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1T15 LM07049-01	MOLNAR, CHARLES E	MEDICAL INFORMATICS RESEARCH TRAINING	211,629
INSTITUTION TOTAL	1	211,629	
CITY TOTAL	1	211,629	
STATE TOTAL	1	211,629	
NEW YORK			
ITHACA			
CORNELL UNIVERSITY ITHACA			
1T32 HD07331-01	RASMUSSEN, KATHLEEN M	TRAINING IN MATERNAL AND CHILD NUTRITION	70,412
INSTITUTION TOTAL	1	70,412	
CITY TOTAL	1	70,412	
NEW YORK			
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1T32 AG00163-01	DOHRENWEND, BRUCE P	RESEARCH TRAINING PROGRAM IN PSYCHIATRIC EPIDEMIOLOGY	21,683
1T32 GM08224-01	EFSTRATIADIS, ARGIRIS	TRAINING IN CELLULAR, MOLECULAR AND BIOPHYSICAL STUDIES	62,207
INSTITUTION TOTAL	2	83,890	
CITY TOTAL	2	83,890	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1T32 AR07472-01A2	GOLDSMITH, LOWELL A	TRAINING PROGRAM IN DERMATOLOGICAL RESEARCH	35,075
INSTITUTION TOTAL	1	35,075	
CITY TOTAL	1	35,075	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1T32 DK07521-01A1	MALBON, CRAIG C	BIOCHEMISTRY AND CELL BIOLOGY OF METABOLIC DISEASE	119,136
INSTITUTION TOTAL	1	119,136	
CITY TOTAL	1	119,136	
STATE TOTAL	5	308,513	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1T32 NS07304-01	SCHOLD, STANLEY C, JR	RESEARCH TRAINING IN NEURO-ONCOLOGY	100,581
INSTITUTION TOTAL	1	100,581	
CITY TOTAL	1	100,581	
STATE TOTAL	1	100,581	
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1T32 GM08216-01	SCHMICKEL, ROY D	PREDOCTORAL TRAINING PROGRAM IN GENETICS	89,329
INSTITUTION TOTAL	1	89,329	
CITY TOTAL	1	89,329	
PITTSBURGH			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH			
1T15 LM07059-01	MILLER, RANDOLPH A	PITTSBURGH MEDICAL INFORMATION SCIENCES TRAINING PROGRAM	153,454
INSTITUTION TOTAL	1	153,454	
CITY TOTAL	1	153,454	
STATE TOTAL	2	242,783	
RHODE ISLAND			
PROVIDENCE			
BROWN UNIVERSITY			
1T32 AG00160-01	KATZ, SIDNEY	INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD	41,828
INSTITUTION TOTAL	1	41,828	
RHODE ISLAND HOSPITAL			
1T32 GM08206-01	GANN, DONALD S	PATHOPHYSIOLOGIC RESPONSES TO INJURY	68,600
INSTITUTION TOTAL	1	68,600	
CITY TOTAL	2	110,428	
STATE TOTAL	2	110,428	

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
1T32 CA09582-01	CARPENTER, GRAHAM F	BIOCHEMICAL AND CHEMICAL TRAINING FOR CANCER RESEARCH	117,954
INSTITUTION TOTAL	1	117,954	
CITY TOTAL	1	117,954	
STATE TOTAL	1	117,954	
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
1T32 RR07031-01	PAKES, STEVEN P	TRAINING IN LABORATORY ANIMAL MEDICINE/PATHOLOGY	65,887
INSTITUTION TOTAL	1	65,887	
CITY TOTAL	1	65,887	
STATE TOTAL	1	65,887	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
1T32 NR07040-01	MAURIN, JUDITH T	FAMILY NURSING RESEARCH	55,780
INSTITUTION TOTAL	1	55,780	
CITY TOTAL	1	55,780	
STATE TOTAL	1	55,780	
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1T32 CA09573-01	LAWRENCE, WALTER, JR	SURGICAL ONCOLOGY RESEARCH TRAINING GRANT	70,196
INSTITUTION TOTAL	1	70,196	
CITY TOTAL	1	70,196	
STATE TOTAL	1	70,196	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1T32 NR07038-01	HEGYVARY, SUE T	NURSING SYSTEMS RESEARCH TRAINING PROGRAM	49,135

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
1T32 NR07039-01	WOODS, NANCY F	WOMENS HEALTH--NURSING RESEARCH TRAINING	65,139

INSTITUTION TOTAL	2	114,274
CITY TOTAL	2	114,274
STATE TOTAL	2	114,274
TOTAL	41	3,165,245

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARIZONA			
GLENDALE			
SAMARITAN HEALTH SERVICE--THUNDERBIRD SAMARITAN HOSPITAL AND HEALTH CENTER			
1G07 LM04647-01	MENCHETTI, NANCY	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,328
INSTITUTION TOTAL	1	4,328	
CITY TOTAL	1	4,328	
STATE TOTAL	1	4,328	
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV			
1G08 LM04611-01	POLAND, URSULA H	ALBANY MEDICAL COOPERATIVE COMPUTERIZED LIBRARY NETWORK	128,985
INSTITUTION TOTAL	1	128,985	
CITY TOTAL	1	128,985	
STATE TOTAL	1	128,985	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
1G08 LM04613-01	STEAD, WILLIAM W	IAIMS PILOT IMPLEMENTATION	399,994
INSTITUTION TOTAL	1	399,994	
CITY TOTAL	1	399,994	
STATE TOTAL	1	399,994	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1G08 LM04663-01	LORENZI, NANCY M	UCMC IAIMS MODEL--INTEGRATING INFORMATION	400,000
INSTITUTION TOTAL	1	400,000	
CITY TOTAL	1	400,000	
STATE TOTAL	1	400,000	
OREGON			
ASTORIA			
COLUMBIA MEMORIAL HOSPITAL			
1G07 LM04634-01	ROSZEL, JUDITH B	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	4,300

NIH
MEDICAL LIBRARY GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	4,300	
CITY TOTAL	1	4,300	
STATE TOTAL	1	4,300	
WASHINGTON			
PORT TOWNSEND			
JEFFERSON GENERAL HOSPITAL			
1G07 LM04639-01	LANZA, LAURINDA	MEDICAL LIBRARY RESOURCE IMPROVEMENT GRANT	3,967
INSTITUTION TOTAL	1	3,967	
CITY TOTAL	1	3,967	
STATE TOTAL	1	3,967	
TOTAL	6	941,574	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1U01 HL38512-01	ROGERS, WILLIAM J	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	17,962
INSTITUTION TOTAL	1	17,962	
CITY TOTAL	1	17,962	
STATE TOTAL	1	17,962	
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1U01 HL38642-01	ALDERMAN, EDWIN L	BARI CENTRAL RADIOGRAPHIC LABORATORY	109,322
INSTITUTION TOTAL	1	109,322	
CITY TOTAL	1	109,322	
STATE TOTAL	1	109,322	
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
1U01 HL38520-01	KENT, KENNETH	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	10,687
INSTITUTION TOTAL	1	10,687	
CITY TOTAL	1	10,687	
STATE TOTAL	1	10,687	
MASSACHUSETTS			
BOSTON			
BETH ISRAEL HOSPITAL			
1U01 HL38514-01	BAIM, DONALD S	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	13,115
INSTITUTION TOTAL	1	13,115	
UNIVERSITY HOSPITAL			
1U01 HL38525-01	FAXON, DAVID P	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	17,418
INSTITUTION TOTAL	1	17,418	
CITY TOTAL	2	30,533	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1U01 HL38556-01	DALEN, JAMES E	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	10,477
INSTITUTION TOTAL	1	10,477	
CITY TOTAL	1	10,477	
STATE TOTAL	3	41,010	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1U01 HL38529-01	TOPOL, ERIC J	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	12,561
INSTITUTION TOTAL	1	12,560	
CITY TOTAL	1	12,560	
STATE TOTAL	1	12,560	
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
1U01 HL38493-01	MOCK, MICHAEL B	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	17,265
INSTITUTION TOTAL	1	17,265	
CITY TOTAL	1	17,265	
STATE TOTAL	1	17,265	
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
1U01 HL38504-01	CHAITMAN, BERNARD R	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	16,815
INSTITUTION TOTAL	1	16,815	
CITY TOTAL	1	16,815	
STATE TOTAL	1	16,815	
NEW YORK			
ALBANY			
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV			
1U10 CA44074-01	RUCKDESCHEL, JOHN C	LUNG CANCER STUDY GROUP	60,750

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NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR		TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	60,750		
CITY TOTAL	1	60,750		
NEW YORK				
VALHALLA				
NEW YORK MEDICAL COLLEGE				
1U01 HL38524-01	HERMAN, MICHAEL V		BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	13,491
INSTITUTION TOTAL	1	13,491		
CITY TOTAL	1	13,491		
STATE TOTAL	2	74,241		
NORTH CAROLINA				
DURHAM				
DUKE UNIVERSITY				
1U01 HL38516-01	CALIFF, ROBERT M		BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	14,126
INSTITUTION TOTAL	1	14,126		
CITY TOTAL	1	14,126		
STATE TOTAL	1	14,126		
OHIO				
CLEVELAND				
CLEVELAND CLINIC FOUNDATION				
1U01 HL38518-01	HEALY, BERNADINE P		BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	21,592
INSTITUTION TOTAL	1	21,592		
CITY TOTAL	1	21,592		
STATE TOTAL	1	21,592		
PENNSYLVANIA				
PITTSBURGH				
UNIVERSITY OF PITTSBURGH AT PITTSBURGH				
1U01 HL38610-01	DETRE, KATHERINE M		BYPASS ANGIOPLASTY REVASULARIZATION INVESTIGATION	221,857
INSTITUTION TOTAL	1	221,857		
CITY TOTAL	1	221,857		
STATE TOTAL	1	221,857		

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NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND			
PROVIDENCE			
RHODE ISLAND HOSPITAL			
1U01 HL38532-01	WILLIAMS, DAVID O	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	13,565
INSTITUTION TOTAL	1	13,565	
CITY TOTAL	1	13,565	
STATE TOTAL	1	13,565	
TENNESSEE			
KNOXVILLE			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE			
1U01 AI24762-01	ROUSE, BARRY T	LIPOSOME MICROENCAPSULATION OF VACCINE ANTIGENS	142,244
INSTITUTION TOTAL	1	142,244	
CITY TOTAL	1	142,244	
STATE TOTAL	1	142,244	
TEXAS			
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
1U10 CA44062-01	GROVER, FREDERICK L	LUNG CANCER STUDY GROUP	33,831
INSTITUTION TOTAL	1	33,831	
CITY TOTAL	1	33,831	
STATE TOTAL	1	33,831	
VIRGINIA			
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1U01 HL38515-01	COWLEY, MICHAEL J	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	14,119
INSTITUTION TOTAL	1	14,119	
CITY TOTAL	1	14,119	
STATE TOTAL	1	14,119	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
1U01 EY06594-01	KLEIN, RONALD	EPIDEMIOLOGY OF AGE-RELATED OCULAR DISEASE	588,595

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NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	588,595	
CITY TOTAL	1	588,595	
STATE TOTAL	1	588,595	
CANADA			
EDMONTON			
ALBERTA CANCER BOARD--DR. W. W. CROSS CANCER INSTITUTE			
1U10 CA44064-01	PATERSON, ALEXANDER H	PRIMARY BREAST CANCER THERAPY GROUP--NSABP	41,105
INSTITUTION TOTAL	1	41,105	
CITY TOTAL	1	41,105	
MONTREAL			
HOTEL DIEU DE MONTREAL			
1U10 CA44066-01	ROBIDOUX, ANDRE	PRIMARY BREAST CANCER THERAPY GROUP--NSABP	52,555
INSTITUTION TOTAL	1	52,555	
MONTREAL HEART INSTITUTE			
1U01 HL38509-01	DAVID, PAUL-ROBERT	BYPASS ANGIOPLASTY REVASCULARIZATION INVESTIGATION	15,115
INSTITUTION TOTAL	1	15,115	
CITY TOTAL	2	67,670	
QUEBEC			
ST. SACREMENT HOSPITAL			
1U10 CA41357-01A1	COUTURE, JEAN	PRIMARY BREAST CANCER THERAPY GROUP--NSABP	39,801
INSTITUTION TOTAL	1	39,801	
CITY TOTAL	1	39,801	
STATE TOTAL	4	148,576	
UNITED KINGDOM			
OXFORD			
UNIVERSITY OF OXFORD			
1U01 EY07049-01	TURNER, ROBERT C	PROSPECTIVE STUDY OF DIABETES CONTROL AND RETINOPATHY	200,943
INSTITUTION TOTAL	1	200,943	
CITY TOTAL	1	200,943	

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NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1		200,943
TOTAL	24		1,699,310

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
ALABAMA		
BIRMINGHAM		
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM		
1F32 AG05382-01A2	JOHNSON, GAIL V W	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
MOBILE		
UNIVERSITY OF SOUTH ALABAMA		
1F33 HL07564-01	COHEN, MICHAEL V	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
ARIZONA		
TUCSON		
UNIVERSITY OF ARIZONA		
1F32 HL07603-01	EDWARDS, JOHN G	PHYSIOLOGY
1F32 NS07990-01A1	ITAGAKI, HARUHIKO	NEUROBIOLOGY
1F32 HL07574-01	KREGEL, KEVIN C	PHYSIOLOGY
1F32 DK08047-01	SANDERSON, DOUGLAS G	BIOCHEMISTRY
1F31 GM11840-01	VILLALOBOS, ALICE R	PHYSIOLOGY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
STATE TOTAL	5	
CALIFORNIA		
BERKELEY		
UNIVERSITY OF CALIFORNIA AT BERKELEY		
1F31 GM11966-01	CANNON, VIRGINETTA S	ZOOLOGY
1F32 GM11124-01	DEIKMAN, JILL	BOTANY
1F06 TW01243-01	HAYES, THOMAS L	BIOPHYSICS
1F31 GM11903-01	HOM, YUN K	ENDOCRINOLOGY
1F32 GM12019-01	LEAF, DAVID S	MOLECULAR BIOLOGY
1F32 GM11955-01	PETERSON, CYNTHIA B	BIOCHEMISTRY
1F06 TW01303-01	RUBINSKY, BORIS	BIOMEDICAL ENGINEERING
1F32 NS08251-01	SCHLAUCH, ROBERT S	PSYCHOPHYSICS

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
BERKELEY		
UNIVERSITY OF CALIFORNIA AT BERKELEY		
1F32 EY06027-01	SCHNECK, MARILYN E	OPTOMETRY
1F32 EY06045-01	STEVENSON, SCOTT B	PSYCHOPHYSICS
1F06 TW01256-01	SYME, S LEONARD	EPIDEMIOLOGY
INSTITUTION TOTAL	11	
CITY TOTAL	11	
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1F32 ES05436-01	FINLEY, BRENT L	ENVIRONMENTAL TOXICOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
IRVINE		
UNIVERSITY OF CALIFORNIA AT IRVINE		
1F32 GM11976-01	BARNETT, GLENN R	GENETICS
1F32 GM11177-01A1	DEPOLO, NICHOLAS J	VIROLOGY
1F32 AG05419-01	RICE, DANIEL M	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
LA JOLLA		
LA JOLLA CANCER RESEARCH FOUNDATION		
1F32 GM12026-01	CARDARELLI, PINA M	CANCER PREVENTION AND CONTROL
INSTITUTION TOTAL	1	
SALK INSTITUTE FOR BIOLOGICAL STUDIES		
1F32 NS08123-01A1	MIDDLEMAS, DAVID S	BIOCHEMISTRY
1F33 NS08237-01	PODLESKI, THOMAS R	NEUROBIOLOGY
INSTITUTION TOTAL	2	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1F33 NS08256-01	KOPELMAN, RAOUL	PHYSIOLOGY
1F05 TW03969-01	LAAKSO, MARKKU H	BIOLOGY
1F05 TW04030-01	LIMA, FABIO B	PHYSIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
LA JOLLA		
UNIVERSITY OF CALIFORNIA AT SAN DIEGO		
1F05 TW04037-01	MACIEL, BENEDITO C	PHYSIOLOGY
1F32 NS08114-01A1	NEW, JOHN G	NEUROBIOLOGY
1F32 NS08219-01	NISSANOV, JONATHAN	NEUROBIOLOGY
1F05 TW04017-01	RANSNAS, LENNART	BIOCHEMISTRY
1F32 NS08200-01	TUSZYNSKI, MARK H	NEUROBIOLOGY
INSTITUTION TOTAL 8		
CITY TOTAL 11		
LOS ANGELES		
CHILDREN'S HOSPITAL OF LOS ANGELES		
1F06 TW01304-01	WARBURTON, DAVID	DEVELOPMENTAL BIOLOGY
INSTITUTION TOTAL 1		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1F32 GM11557-01A1	COLLEY, KAREN J	MOLECULAR BIOLOGY
1F32 AG05399-01A1	LERNER, STEVEN P	AGING PROCESS
1F32 EY06030-01A1	WHELAN, JAMES P	NEUROPSYCHIATRY
INSTITUTION TOTAL 3		
UNIVERSITY OF SOUTHERN CALIFORNIA		
1F32 HL07523-01A1	SHAW, KATHRYN J	CARDIOVASCULAR DISEASES
INSTITUTION TOTAL 1		
CITY TOTAL 5		
PASADENA		
CALIFORNIA INSTITUTE OF TECHNOLOGY		
1F32 HL07561-01	ARTISHEVSKY, ALEXANDER	BIOLOGY
1F32 NS08241-01	VANDENBERGH, DAVID J	NEUROBIOLOGY
1F32 NS08238-01	WUENSCHELL, CAROL W	DEVELOPMENTAL BIOLOGY
INSTITUTION TOTAL 3		
CITY TOTAL 3		
SAN FRANCISCO		
SMITH-KETTLEWELL EYE RESEARCH FOUNDATION		
1F32 EY06056-01	BOWNE, SAMUEL F	OPHTHALMOLOGY
INSTITUTION TOTAL 1		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
CALIFORNIA		
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1F32 DK08012-01	ARENSON, DAVID M	PHYSIOLOGY
1F32 GM11909-01	BLACKWOOD, ROLAND A	CELL BIOLOGY
1F05 TW03980-01	CODERRE, TERENCE J	IMMUNOLOGY
1F32 HL07619-01	FINE, JONATHAN M	PULMONARY DISEASES
1F32 AR08019-01	GEOFFROY, JOYCE S	CELL BIOLOGY
1F05 TW03934-01	HARDING, JANE E	NUTRITION
1F05 TW03919-01	HIRAI, HISAMARU	VIROLOGY
1F32 NS08231-01	LONGO, FRANK M	NEUROBIOLOGY
1F32 NS08357-01	LOWENSTEIN, DANIEL H	NEUROBIOLOGY
1F32 HD07051-01	MILIO, LORRAINE A	OBSTETRICS AND GYNECOLOGY
1F05 TW03935-01	MOREL, YVES M	ENDOCRINOLOGY
1F32 HL07507-01A1	ROCHA-SINGH, KRISHNA J	CARDIOVASCULAR DISEASE PREVENTION AND CONTROL
1F32 HL07668-01	SANKARY, RICHARD M	PULMONARY DISEASES
1F32 GM11912-01	SHANNON, KAREN W	GENETICS
1F32 DK08010-01	SOLISH, SHARYN B	ENDOCRINOLOGY
1F32 HL07611-01	STUMPF, BARBARA A	CARDIOVASCULAR DISEASES
1F32 NS08194-01	TORCHIA, TIMOTHY E	GENETICS
INSTITUTION TOTAL	17	
CITY TOTAL	18	
STANFORD		
STANFORD UNIVERSITY		
1F32 NS08096-01	BASI, GURIQBAL S	NEUROBIOLOGY
1F32 DK08017-01	CRAIG, WENDY Y	BIOCHEMISTRY
1F32 CA08285-01	GUT, SALLY A	CHEMISTRY
1F32 NS08201-01	KOLODKIN, ALEX L	NEUROBIOLOGY
1F32 NS08142-01	KRILOWICZ, BEVERLY L	NEUROBIOLOGY
1F05 TW03904-01	LAI, MING-YANG	MOLECULAR BIOLOGY
1F32 AR08007-01	LAKEY, ELLEN K	IMMUNOLOGY
1F32 HL07679-01	NICHOLSON, WILLIAM F	PHARMACOLOGY
1F32 DK08057-01	PASTAN, STEPHEN O	PHYSIOLOGY
1F32 GM11908-01	PULTZ, MARY A	GENETICS
1F32 HD07071-01	SANDERSON, RALPH D	PEDIATRICS
1F32 GM12000-01	TITUS, MARGARET A	MOLECULAR BIOLOGY
1F32 CA08162-01	TYCKO, BENJAMIN	BIOLOGY
INSTITUTION TOTAL	13	
CITY TOTAL	13	
STATE TOTAL	65	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER		
1F32 GM11905-01	DANIELL, LAURA C	PHARMACOLOGY
1F32 DK08064-01	ULLIAN, MICHAEL E	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
FORT COLLINS		
COLORADO STATE UNIVERSITY		
1F32 GM12010-01	LEONARD, WILLIAM R	ORGANIC CHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
CONNECTICUT		
NEW HAVEN		
YALE UNIVERSITY		
1F32 NS08228-01	CONN, PETER J	NEUROBIOLOGY
1F32 NS08243-01	DATTA, SUMANA	GENETICS
1F32 NS08252-01	NOVOTNY, EDWARD J	BIOCHEMISTRY
1F32 DK08045-01	PETIT, WILLIAM A, JR	PHYSIOLOGY
1F32 DK08050-01	TURNAMIAN, STEVEN G	PHYSIOLOGY
1F05 TW03916-01	WARBURG, ALLON	BIOLOGY
1F05 TW03981-01	ZERGABACHEW, ASFAW	VIROLOGY
INSTITUTION TOTAL	7	
CITY TOTAL	7	
STATE TOTAL	7	
DIST OF COL		
WASHINGTON		
CARNEGIE INSTITUTION OF WASHINGTON, D. C.		
1F32 GM11802-01	KARPEN, GARY H	GENETICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
FLORIDA		
GAINESVILLE		
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA		
1F32 HL07675-01	HART, CHARLES M	PULMONARY DISEASES
1F32 NS08133-01	HELLSTROM, LISA I	PSYCHOPHYSICS
INSTITUTION TOTAL	2	
CITY TOTAL	2	
MIAMI		
UNIVERSITY OF MIAMI		
1F05 TW04022-01	HUIKURI, HEIKKI V	CARDIOVASCULAR DISEASES
1F32 DK07946-01A1	LYN, DEBORAH A	BIOCHEMISTRY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	4	
GEORGIA		
ATLANTA		
EMORY UNIVERSITY		
1F06 TW01320-01	NAHMIAS, ANDRE J	VIROLOGY
1F33 GM11900-01	SILLAU, ALBERTO H	MOLECULAR BIOLOGY
INSTITUTION TOTAL	2	
MOREHOUSE SCHOOL OF MEDICINE		
1F32 DK08031-01	BROWN, MILTON R	PHYSIOLOGY
INSTITUTION TOTAL	1	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY		
1F33 AG05433-01	HARTLEY, ALAN A	EXPERIMENTAL AND GENERAL PSYCHOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	4	
AUGUSTA		
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA		
1F32 EY06050-01	HONKANEN, RICHARD E	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
STATE TOTAL	5	
ILLINOIS		
CHICAGO		
UNIVERSITY OF CHICAGO		
1F32 GM11875-01	DE BENEDETTI, ARRIGO	BIOLOGY
1F05 TW03927-01	HUKKANEN, VEIJO I	VIROLOGY
1F32 HL07432-01A1	RAY, DANIEL W	PULMONARY DISEASES
INSTITUTION TOTAL	3	
UNIVERSITY OF ILLINOIS AT CHICAGO		
1F32 GM11893-01	CAMPBELL, COLIN R	MOLECULAR BIOLOGY
1F32 HL07657-01	ROONEY, MICHAEL W	ANESTHESIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	5	
STATE TOTAL	5	
INDIANA		
INDIANAPOLIS		
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS		
1F32 DK08008-01	HYDE, JAMES F	ENDOCRINOLOGY
1F06 TW01300-01	KEMPSON, STEPHEN A	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
NOTRE DAME		
UNIVERSITY OF NOTRE DAME		
1F32 GM11940-01	MINNICK, ALBERT A, JR	ORGANIC CHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	3	
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1F32 HL07630-01	DUNDORE, RONALD L	PHARMACOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1F32 NS08203-01	EDWARDS, GAYLEN L	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY
1F32 HL07643-01	ELLER, BRIAN T	PHYSIOLOGY
1F32 HL07552-01	MIFFLIN, STEVEN W	PHYSIOLOGY
1F32 HL07388-01A1	SANDERS, BRIAN J	PHARMACOLOGY
INSTITUTION TOTAL	5	
CITY TOTAL	5	
STATE TOTAL	5	
KANSAS		
KANSAS CITY		
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL		
1F05 TW04029-01	NAIR, MADHAVAN K	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
KENTUCKY		
LOUISVILLE		
UNIVERSITY OF LOUISVILLE		
1F05 TW03895-01	WINGREN, URBAN F	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
LOUISIANA		
NEW ORLEANS		
TULANE UNIVERSITY OF LOUISIANA		
1F05 TW03953-01	ROBLEDO, JAIME A	BACTERIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MARYLAND		
BALTIMORE		
CARNEGIE INSTITUTION OF WASHINGTON, D. C.		
1F05 TW03949-01	KOBAYASHI, TOSHIHIDE	CELL BIOLOGY
INSTITUTION TOTAL 1		
JOHNS HOPKINS UNIVERSITY		
1F32 HL07661-01	BONUCCELLI, CATHERINE M	PEDIATRIC PULMONARY DISEASE
1F32 DK08019-01	CHRISTY, ROBERT J	MOLECULAR BIOLOGY
1F32 EY06021-01	DEL PRIORE, LUCIAN V	OPHTHALMOLOGY
1F06 TW01222-01	DIAZ, LUIS A	IMMUNOLOGY
1F32 DK08121-01	DICKERSON, IAN M	ENDOCRINOLOGY
1F32 DK08016-01	HRESKO, RICHARD C	ENDOCRINOLOGY
1F32 HL07555-01	HUMPHREY, JAY D	CARDIOVASCULAR DISEASES
1F32 NS08210-01	SALTARELLI, MARIO D	NEUROBIOLOGY
1F32 DK07844-01A1	SUSSMAN, MARC S	PHYSIOLOGY
INSTITUTION TOTAL 9		
KENNEDY INSTITUTE FOR HANDICAPPED CHILDREN		
1F05 TW03908-01	BALFE, ALAN M	MOLECULAR BIOLOGY
INSTITUTION TOTAL 1		
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS		
1F05 TW03901-01	CAO, CHENGJING	TOXICOLOGY
1F32 NS08234-01	LUTHER, PAUL W	NEUROBIOLOGY
INSTITUTION TOTAL 2		
CITY TOTAL 13		
BETHESDA		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH		
1F35 HD07075-01	ADAMSON, MEGAN D	GENETICS
1F35 AI07655-01	ATASOY, ULUS	IMMUNOLOGY
1F32 CA08046-01A1	BURKHARDT, ANNE L	VIROLOGY
1F35 DE05522-01	COSTELLO, ANN H	PHARMACOLOGY
1F35 HL07625-01	COWLEY, BENJAMIN J	MOLECULAR BIOLOGY
1F32 CA08286-01	COWSERT, LEX M	MOLECULAR BIOLOGY
1F05 TW03993-01	FLORES, MIRZA E	ENDOCRINOLOGY
1F05 TW03886-01	JIN, WANG	PHYSIOLOGY
1F05 TW03906-01	KIM, JUNG H	BIOCHEMISTRY
1F05 TW03918-01	LARJAVA, HANNU S	CELL BIOLOGY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MARYLAND		
BETHESDA		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH		
1F05 TW03892-01	LYCKE, NILS Y	IMMUNOLOGY
1F35 AI07475-01	MASSARI, FERDINAND E	IMMUNOLOGY
1F35 HD07006-01	MC CUNE, SUSAN K	GENETICS
1F35 HD07126-01	PINEDA, DESIREE C	REPRODUCTIVE PHYSIOLOGY
1F35 DK08061-01	PULLMAN, AMY B	BIOLOGY
1F05 TW03972-01	SOLODKIN, MARCOS	PHYSIOLOGY
1F35 HL07602-01	WATERS, VICTOR V	INTERNAL MEDICINE
INSTITUTION TOTAL 17		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--PHS PUBLIC ADVISORY GROUPS		
1F32 AR08018-01	LOVE, LORI A	EXPERIMENTAL PATHOLOGY
INSTITUTION TOTAL 1		
CITY TOTAL 18		
STATE TOTAL 31		
MASSACHUSETTS		
BOSTON		
BETH ISRAEL HOSPITAL		
1F32 CA08188-01	ROSMARIN, ALAN G	BIOLOGY
1F05 TW03962-01	SU, IH-JEN	PATHOLOGY
INSTITUTION TOTAL 2		
BOSTON BIOMEDICAL RESEARCH INSTITUTE		
1F32 EY06060-01	GROSS, SHARON C	BIOCHEMISTRY
INSTITUTION TOTAL 1		
BOSTON UNIVERSITY		
1F31 GM11882-01	SUAREZ, MANUEL A	ANATOMY
1F32 DK08048-01	SUSSMAN, ILENE P	BIOCHEMISTRY
1F32 HL07599-01	VILLANUEVA, ANDREW G	METABOLIC DISEASES
INSTITUTION TOTAL 3		
BRIGHAM AND WOMEN'S HOSPITAL		
1F32 DK08020-01	HECHT, GAIL A	EXPERIMENTAL PATHOLOGY
1F32 DK08003-01	KING, ANDREW J	PHYSIOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
BOSTON		
BRIGHAM AND WOMEN'S HOSPITAL		
1F32 HL07608-01	KROLL, MICHAEL H	HEMATOLOGY
1F32 HL07672-01	LUSCINSKAS, FRANCIS W	PATHOLOGY
1F32 HD07008-01A1	SMART, JANET L	ANESTHESIOLOGY
INSTITUTION TOTAL	5	
CHILDREN'S HOSPITAL		
1F32 NS08229-01	JENSEN, FRANCES E	NEUROBIOLOGY
1F32 EY06047-01	MOSES, MARSHA A	BIOCHEMISTRY
1F32 HL07607-01	SKALNIK, DAVID G	MOLECULAR BIOLOGY
INSTITUTION TOTAL	3	
DANA-FARBER CANCER INSTITUTE		
1F32 DK08002-01	GRAVES, REED A	MOLECULAR BIOLOGY
1F32 CA08230-01	JONES, SUSAN D	CELL BIOLOGY
1F32 AR08015-01	PORCELLI, STEVEN A	IMMUNOLOGY
1F32 CA08242-01	TALCOTT, JAMES A	BIOSTATISTICS
INSTITUTION TOTAL	4	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION		
1F32 EY06071-01	STAMLER, JOHN F	VIROLOGY
INSTITUTION TOTAL	1	
HARVARD UNIVERSITY		
1F32 EY06059-01	BARRY, ROBERT J	BIOCHEMISTRY
1F32 GM11708-01	BERNSTEIN, JULIE A	MULTIDISCIPLINARY BASIC MEDICAL SCIENCES
1F32 HL07582-01	FOX, EDWARD A	BIOCHEMISTRY
1F32 GM11886-01	MISRA, RAVINDRA P	MOLECULAR BIOLOGY
1F32 DK08005-01	MORRISON, NANCY E	ENDOCRINOLOGY
1F05 TW03995-01	PIETROBON, DANIELA	PHYSIOLOGY
1F05 TW03997-01	ZELTNER, THOMAS B	TOXICOLOGY
INSTITUTION TOTAL	7	
MASSACHUSETTS EYE AND EAR INFIRMARY		
1F05 TW04006-01	HEMADY, RAMZI K	IMMUNOLOGY
1F32 EY06052-01	TAUBER, JOSEPH	IMMUNOLOGY
1F32 EY06054-01	WEINER, MARK J	GENETICS
INSTITUTION TOTAL	3	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
BOSTON		
MASSACHUSETTS GENERAL HOSPITAL		
1F32 HL07665-01	BURTON, MELVIN D	PULMONARY DISEASES
1F32 AR08012-01	KROOP, SUSAN F	HISTOCHEMISTRY
1F32 HL07573-01	LONGABAUGH, JOHN	MOLECULAR BIOLOGY
1F05 TW04023-01	NIEMIERKO, ANDRZEJ	RADIATION PHYSICS
INSTITUTION TOTAL	4	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.		
1F32 DK08026-01	JOHNSTON, DAVID E	MOLECULAR BIOLOGY
1F05 TW03924-01	TONI, ROBERTO	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	35	
CAMBRIDGE		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
1F32 GM12014-01	DRUECKHAMMER, DALE G	MOLECULAR BIOLOGY
1F32 EY06043-01	ERICKSON, ROGER G	NEUROBIOLOGY
1F33 DK08033-01	KROLEWSKI, ANDRZEJ S	GENETICS
1F32 EY06035-01	PUCKETT, KATHERINE L	MOLECULAR BIOLOGY
INSTITUTION TOTAL	4	
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH		
1F32 DK08022-01	BENNETT, HOLLY V	CELL BIOLOGY
1F05 TW03893-01	LEDERKREMER, GERARDO Z	MOLECULAR BIOLOGY
1F32 GM12038-01	LJUNGDAHL, PER O	GENETICS
INSTITUTION TOTAL	3	
CITY TOTAL	7	
NEWTON		
BOSTON COLLEGE		
1F32 EY06061-01	ELY, RICHARD P	OPHTHALMOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
WALTHAM		
BRANDEIS UNIVERSITY		
1F32 HL07682-01	CABRAL, DONNA J	BIOPHYSICS

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MASSACHUSETTS		
WALTHAM		
BRANDEIS UNIVERSITY		
1F32 GM11309-01	KUCHTA, ROBERT D	MOLECULAR BIOLOGY
1F05 TW03898-01	NEYTON, JACQUES M	BIOCHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
WORCESTER		
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER		
1F05 TW03966-01	ALVAREZ, ELVIRA	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	47	
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1F32 GM11948-01	CALIE, PATRICK J	MOLECULAR BIOLOGY
1F31 CA08390-01	CIMPRICH, BERNADINE E	NURSING
1F32 HL07654-01	GUMUCIO, DEBORAH L	BIOLOGY
1F32 NS08216-01	PORTER, NADA	NEUROBIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
EAST LANSING		
MICHIGAN STATE UNIVERSITY		
1F05 TW04012-01	RODRIGUEZ, CELESTE DE CUNA	PARASITOLOGY
1F32 HL07560-01	THOMAS, JENNIFER S	PATHOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	6	
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1F32 DK08021-01	ABID, MUNIR	ENDOCRINOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1F32 HL07664-01	BURROUGHS, SUSAN F	BIOCHEMISTRY
1F32 HL07586-01	CAMPOS, CHRISTIAN T	EPIDEMIOLOGY
1F32 HL07644-01	KAUFMAN, STANLEY E	PHYSIOLOGY
1F32 HL07618-01	LEW, BRIAN T	PHYSIOLOGY
1F32 HL07647-01	NEY, PAUL A	CELL BIOLOGY
1F32 NS08223-01	PECH, IRENE V	NEUROBIOLOGY
1F32 HL07621-01	SNYDER, LINDA S	PULMONARY DISEASES
1F32 DK08066-01	STRAIT, KEVIN A	ENDOCRINOLOGY
INSTITUTION TOTAL	9	
CITY TOTAL	9	
ROCHESTER		
MAYO FOUNDATION		
1F05 TW03955-01	GUO, HENG-YI	PHARMACOLOGY
1F05 TW03920-01	JENSSEN, TROND G	PHYSIOLOGY
1F05 TW04013-01	KARLSTROM, LARS H	PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	12	
MISSOURI		
COLUMBIA		
UNIVERSITY OF MISSOURI-COLUMBIA		
1F05 TW03914-01	BURCZYNSKI, FRANK J	PHARMACOLOGY
1F32 HL07639-01	SARAZAN, ROGER D	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
SAINT LOUIS		
JEWISH HOSPITAL OF ST. LOUIS		
1F32 CA08229-01	BEJCEK, BRUCE E	MUTAGENESIS
INSTITUTION TOTAL	1	
WASHINGTON UNIVERSITY		
1F32 AI07739-01	CHAMBERS, THOMAS J	IMMUNOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
MISSOURI		
SAINT LOUIS		
WASHINGTON UNIVERSITY		
1F32 NS08218-01	HUNTER, DALE D	DEVELOPMENTAL BIOLOGY
1F06 TW01307-01	LEVINE, ROBERT P	BIOCHEMISTRY
1F32 DK08023-01	TREADWAY-BALON, JUDITH L	PHYSIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	5	
STATE TOTAL	7	
NEW HAMPSHIRE		
HANOVER		
DARTMOUTH COLLEGE		
1F32 AR08003-01	AUBLE, DAVID T	MOLECULAR BIOLOGY
1F32 ES05399-01	HAMILTON, JOSHUA W	ENVIRONMENTAL TOXICOLOGY
1F05 TW03923-01	ORTI, EDUARDO	ENDOCRINOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
NEW JERSEY		
PRINCETON		
PRINCETON UNIVERSITY		
1F32 GM11949-01	ALBIN, RANDI L	MOLECULAR BIOLOGY
1F05 TW03942-01	ECCLES, MICHAEL R	MOLECULAR BIOLOGY
1F32 CA08298-01	LOZANO, GUILLERMINA	MOLECULAR BIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
NEW YORK		
BUFFALO		
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE		
1F05 TW04024-01	BASSE, PER H	PATHOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
ITHACA		
CORNELL UNIVERSITY ITHACA		
1F32 HL07557-01	ASHTON, ROBERT W	CHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
NEW YORK		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		
1F32 DK08071-01	JACKSON, ARTHUR E	PHYSIOLOGY
INSTITUTION TOTAL	1	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK		
1F32 HL07652-01	GLUCKSBERG, MATTHEW R	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY
1F32 GM11270-01	HUTCHINSON, DOUGLAS K	ORGANIC CHEMISTRY
1F32 GM11933-01	LAURENT, BREHON C	GENETICS
INSTITUTION TOTAL	3	
CORNELL UNIVERSITY MEDICAL CENTER		
1F32 NS08232-01	BITLER, CATHERINE M	DEVELOPMENTAL BIOLOGY
1F32 NS08193-01	SESACK, SUSAN R	BIOCHEMISTRY
INSTITUTION TOTAL	2	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH		
1F32 GM11308-01	BALOGH, LISA A	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
MONTEFIORE MEDICAL CENTER		
1F32 DK08049-01	MOWER, PATRICIA M	PHYSIOLOGY
INSTITUTION TOTAL	1	
NEW YORK UNIVERSITY		
1F32 GM11981-01	ARILDSEN, MARY A	MOLECULAR BIOLOGY
1F32 CA08019-01	JOSEPH-SILVERSTEIN, JACQUELY	CELL BIOLOGY
1F32 ES05423-01	LATTA, DOROTHY M	ENVIRONMENTAL TOXICOLOGY
1F05 TW03925-01	ROMERO, PEDRO J	PARASITOLOGY
1F05 TW03946-01	SAKSELA, ERKKI O	CELL BIOLOGY
INSTITUTION TOTAL	5	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NEW YORK		
NEW YORK		
ROCKEFELLER UNIVERSITY		
1F32 GM11947-01	COSTA, ROBERT H	MOLECULAR BIOLOGY
1F32 GM11950-01	FREIMUTH, PAUL I	BIOCHEMISTRY
1F05 TW03960-01	GAVISH, DOV	MOLECULAR BIOLOGY
1F32 NS08195-01	GIBBS, ROBERT B	NEUROBIOLOGY
1F32 HD06856-01A1	JORGENSON, KAY L	NEUROENDOCRINOLOGY
1F05 TW04019-01	JUE, DAE-MYUNG	BIOCHEMISTRY
1F32 DK08052-01	MOBASHERY, SHAHRIAR	BIOCHEMISTRY
1F32 GM12034-01	SAROKIN, LAURA P	MOLECULAR BIOLOGY
INSTITUTION TOTAL	8	
YESHIVA UNIVERSITY		
1F05 TW04040-01	LERMA, JUAN	BIOLOGY
1F32 GM11961-01	LEVITT, ALEXANDRA M	MOLECULAR BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	23	
ROCHESTER		
UNIVERSITY OF ROCHESTER		
1F32 HL07678-01	ARENA, JOSEPH P	PHYSIOLOGY
1F32 HL07570-01	BENN, STEVEN I	PEDIATRICS
1F32 DK07902-01	JACKSON, TIMOTHY K	BIOCHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STONY BROOK		
STATE UNIVERSITY OF NEW YORK AT STONY BROOK		
1F32 HL07613-01	ANSTEAD, GREGORY M	CHEMISTRY
1F05 TW03909-01	FORGEZ, PATRICIA	PHARMACOLOGY
1F32 NS08242-01	LOVINGER, DAVID M	BIOPHYSICS
1F32 NS08239-01	PIERCE, JOSEPH P	NEUROBIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
STATE TOTAL	32	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1F32 AG05407-01A1	PELLEYMOUNTER, MARY A	AGING PROCESS
1F32 GM11280-01A1	YOUNATHAN, JANET N	INORGANIC CHEMISTRY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
DURHAM		
DUKE UNIVERSITY		
1F32 HL07591-01	CLEVENGER, FREDERICK W	PHYSIOLOGY
1F32 CA08282-01	DUSSAULT, PATRICK H	CHEMISTRY
1F32 GM11883-01	IMLAY, JAMES A	BACTERIOLOGY
1F32 NS08165-01	RUSSELL, RICHARD D	NEUROBIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
RESEARCH TRIANGLE PARK		
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NIEHS ENVIRONMENTAL HEALTH SCIENCES CENTER		
1F05 TW04018-01	WANG, TSING C	MUTAGENESIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
WINSTON-SALEM		
WAKE FOREST UNIVERSITY		
1F32 DK08059-01	CHABOT, MARIE C	BIOCHEMISTRY
1F32 AI07615-01	DALESANDRO, MARGARET R	IMMUNOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	9	
OHIO		
CINCINNATI		
CHILDREN'S HOSPITAL MEDICAL CENTER		
1F32 GM11928-01	ARONOW, BRUCE J	AUDIOLOGY
INSTITUTION TOTAL	1	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
OHIO		
CINCINNATI		
UNIVERSITY OF CINCINNATI AT CINCINNATI		
1F05 TW04016-01	SAVAGE, ADEDAPO O	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	2	
CLEVELAND		
CASE WESTERN RESERVE UNIVERSITY		
1F05 TW03948-01	KOBAYASHI, HIDEYUKI	NEUROBIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
COLUMBUS		
OHIO STATE UNIVERSITY		
1F06 TW01312-01	DORN, C RICHARD	BACTERIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	4	
OREGON		
PORTLAND		
MEDICAL RESEARCH FOUNDATION OF OREGON		
1F32 HD07044-01	KAYNARD, ALAN H	BIOLOGY
INSTITUTION TOTAL	1	
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY		
1F06 TW01250-01	BENNETT, WILLIAM M	PHYSIOLOGY
1F32 NS08204-01	MCMURRAY, CYNTHIA T	NEUROBIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	3	
STATE TOTAL	3	
PENNSYLVANIA		
HERSHEY		
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER		
1F32 HL07589-01	GALLAHER, KEITH J	PHYSIOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
INSTITUTION TOTAL	1	
CITY TOTAL	1	
PENNSYLVANIA		
PHILADELPHIA		
HAHNEMANN UNIVERSITY		
1F05 TW03907-01	STALHANDSKE, PER O	VIROLOGY
INSTITUTION TOTAL	1	
THOMAS JEFFERSON UNIVERSITY		
1F05 TW04005-01	HALILA, RITVA	BIOCHEMISTRY
1F32 ES05418-01	KYLE, MARLENE E	ENVIRONMENTAL TOXICOLOGY
1F32 EY06067-01	LAGUNOWICH, LAURA	DEVELOPMENTAL BIOLOGY
INSTITUTION TOTAL	3	
UNIVERSITY OF PENNSYLVANIA		
1F32 HL07592-01	ANDERSON, WILLIAM A	PHYSIOLOGY
1F32 HL07649-01	BUTLER, ANN E	MOLECULAR BIOLOGY
1F05 TW03976-01	CINELLI, ANGEL R	PHYSIOLOGY
1F05 TW04004-01	HIMPENS, BERNARD J	PHYSIOLOGY
1F32 NS08094-01A1	KAPLAN, JOEL M	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY
1F32 HL07635-01	KATO, NORMAN S	PHYSIOLOGY
1F32 DK08058-01	KOETHE, JOHN D	PHYSIOLOGY
1F32 HL07636-01	MC CRAE, KEITH R	ANATOMY
1F05 TW03964-01	ONO, TAMAO	BIOLOGY
INSTITUTION TOTAL	9	
CITY TOTAL	13	
UNIVERSITY PARK		
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK		
1F32 GM11936-01	GARVEY, EDWARD P	BIOCHEMISTRY
1F32 DK08004-01	PEREZ, FRANK M, JR	ENDOCRINOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	16	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
SOUTH CAROLINA		
CHARLESTON		
MEDICAL UNIVERSITY OF SOUTH CAROLINA		
1F06 TW01297-01	WARR, GREGORY W	IMMUNOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
COLUMBIA		
UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA		
1F32 GM11828-01	CAMPOPIANO, ONORATO	ORGANIC CHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	2	
TENNESSEE		
NASHVILLE		
VANDERBILT UNIVERSITY		
1F32 DK08027-01	KOURY, STEPHEN T	CELL BIOLOGY
1F32 DK08011-01	SHABB, JOHN B	MOLECULAR BIOLOGY
1F32 DK08063-01	WASSERMAN, DAVID H	PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
TEXAS		
AUSTIN		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN		
1F32 NS08236-01	MC ANELLY, MARY L	NEUROBIOLOGY
1F32 GM11687-01	SPECTOR, MICHAEL P	MOLECULAR BIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
COLLEGE STATION		
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION		
1F31 GM11904-01	WALKER, SAMUEL A	CHEMISTRY

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
TEXAS		
COLLEGE STATION		
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION		
1F32 HL07688-01	ZAWIEJA, DAVID C	PHYSIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
DALLAS		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS		
1F33 AG05423-01	BROWN, KENNETH L	BIOCHEMISTRY
1F32 GM11982-01	CASEY, PATRICK J	PHARMACOLOGY
1F05 TW03913-01	COUSSEN, FRANCOISE	BIOLOGY
1F32 GM11943-01	PARKER, ERIC MCFEE	PHARMACOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1F32 NS08224-01	ELMER, LAWRENCE W	ANATOMY
1F32 HL07587-01	HOMAN, REYNOLD	BIOCHEMISTRY
1F32 HL07651-01	RAMPE, DAVID E	PHYSIOLOGY
INSTITUTION TOTAL	3	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON		
1F06 TW01309-01	LICHTENBERGER, LENARD M	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	4	
SAN ANTONIO		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO		
1F32 HL07598-01	DICARLO, STEPHEN E	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	13	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
UTAH		
SALT LAKE CITY		
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH		
1F32 GM11979-01	GERKEN, STEVEN C	DEVELOPMENTAL BIOLOGY
1F06 TW01246-01	SCHOENWOLF, GARY C	BIOLOGY
1F32 GM11941-01	WINTER, CHARLES H	ORGANIC CHEMISTRY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1F32 HL07646-01	MALLOY, LAURA G	PHARMACOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
VIRGINIA		
CHARLOTTESVILLE		
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE		
1F06 TW01294-01	LENN, NICHOLAS J	NEUROBIOLOGY
1F32 CA08274-01	LEVY, MARK J	MEDICINAL/PHARMACEUTICAL CHEMISTRY
1F32 AG05408-01A1	STONE, WILLIAM S	AGING PROCESS
1F32 HL07578-01	TEMELES, DANIEL S	CELL BIOLOGY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
NORFOLK		
OLD DOMINION UNIVERSITY		
1F34 GM12015-01	RAVENELL, PATRICIA B	BIOCHEMISTRY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
1F05 TW03992-01	RUZHU, CHEN	PHARMACOLOGY

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
VIRGINIA		
RICHMOND		
VIRGINIA COMMONWEALTH UNIVERSITY		
1F32 NS08192-01	SAUNDERS, ROYAL D	NEUROBIOLOGY
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	7	
WASHINGTON		
SEATTLE		
UNIVERSITY OF WASHINGTON		
1F05 TW03988-01	AUWERX, JOHAN H	PHYSIOLOGY
1F32 AR07841-01A1	SAITTA, JOSEPH C	ENDOCRINOLOGY
1F32 DK08025-01	SCHWARTZ, MICHAEL W	PHYSIOLOGY
INSTITUTION TOTAL	3	
CITY TOTAL	3	
STATE TOTAL	3	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1F32 GM12005-01	BROWN, LAURA J	GENETICS
1F32 HL07655-01	DARISTOTLE, LEIGHANN	BIOLOGY
1F32 GM11311-01A1	GREGG, RONALD G	MOLECULAR BIOLOGY
1F32 GM11942-01	HENGGE, ALVAN C	BIOCHEMISTRY
INSTITUTION TOTAL	4	
CITY TOTAL	4	
STATE TOTAL	4	
AUSTRALIA		
KENSINGTON		
UNIVERSITY OF NEW SOUTH WALES		
1F32 HL07609-01	MECKLER, ROBERT L	PHYSIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST
UNITED KINGDOM		
LONDON		
UNIVERSITY OF LONDON		
1F32 GM12023-01	FIRST, ERIC A	MOLECULAR BIOLOGY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
TOTAL	319	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CALIFORNIA		
DAVIS		
UNIVERSITY OF CALIFORNIA AT DAVIS		
1K04 CA01125-01	LEONARD, REBECCA J	ARTICULATORY DYNAMICS IN OROFACIAL CANCER PATIENTS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
LA JOLLA		
SCRIPPS MEMORIAL HOSPITALS--SCRIPPS MEMORIAL HOSPITAL-LA JOLLA		
1K04 AG00374-01	THOMAN, MARILYN L	INTERLEUKIN 2 SYNTHESIS AND ACTIVITY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
SAN FRANCISCO		
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO		
1K08 NS01222-01	FERRIERO, DONNA M	DEVELOPMENT OF SOMATOSTATIN-CONTINUING NEURONS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STANFORD		
STANFORD UNIVERSITY		
1K11 DK01811-01	MATSUI, SUZANNE M	ROTAVIRUS VP3--MOLECULAR DETERMINANTS OF FUNCTION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
TORRANCE		
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER		
1K08 HD00746-01	POLK, DANIEL H	ONTOGENY OF CORTICOTROPIN RELEASING FACTOR
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	5	
COLORADO		
DENVER		
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE		
1K08 HL02039-01	DOWNEY, GREGORY P	PROSTAGLANDINS AND NEUTROPHIL-MEDIATED LUNG INJURY

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
INSTITUTION TOTAL	1	
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH		SCIENCES CENTER
1K08 HL01932-01	ABMAN, STEVEN H	PERINATAL OXIDANT PULMONARY VASCULAR INJURY
1K11 DK01615-01A1	BABCOCK, SUSAN K	ISLET REJECTION--ACTIVATION AND FUNCTION OF T CELLS
1K08 HL01966-01	CHANG, SHIH-WEN	MECHANISMS OF ENDOTOXIN INDUCED LUNG INJURY
INSTITUTION TOTAL	3	
CITY TOTAL	4	
STATE TOTAL	4	
CONNECTICUT		
FARMINGTON		
UNIVERSITY OF CONNECTICUT HEALTH CENTER		
1K15 DE00204-01	ZERNIK, JOSEPH	MOLECULAR STUDIES OF HUMAN BONE ALKALINE PHOSPHATASE
INSTITUTION TOTAL	1	
CITY TOTAL	1	
NEW HAVEN		
YALE UNIVERSITY		
1K08 NS01247-01	KALB, ROBERT G	MOLECULAR EFFECTS OF EARLY EXPERIENCE ON MOTOR NEURON
1K07 HL02035-01	SNYDER, EDWARD L	TRANSFUSION MEDICINE ACADEMIC AWARD, NHLBI
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	3	
DIST OF COL		
WASHINGTON		
HOWARD UNIVERSITY		
1K14 HL01984-01	LEWIS, JANNET F	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
FLORIDA		
GAINESVILLE		
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA		
1K07 HL01717-01A1	LIMACHER, MARIAN C	PREVENTIVE CARDIOLOGY ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
MIAMI		
UNIVERSITY OF MIAMI		
1K04 HL01862-01A1	FORDYCE-BAUM, MARIANNA K	EFFECT OF A LOW-FAT DIET ON CHD RISK FACTORS
1K04 HL01683-01A1	STEIN-STREILEIN, JOAN E	IMMUNOLOGICAL MECHANISMS IN LUNG DEFENSE AND DISEASE
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	3	
GEORGIA		
ATLANTA		
EMORY UNIVERSITY		
1K15 DE00214-01A1	CUTLER, CHRISTOPHER W	NEUTROPHIL INTERACTIONS WITH BACTEROIDES GINGIVALIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
ILLINOIS		
CHICAGO		
NORTHWESTERN UNIVERSITY		
1K11 ES00170-01	RUNGE-MORRIS, MELISSA A	PYRIDINE--ENZYME INDUCTION, METABOLISM, AND TOXICITY
INSTITUTION TOTAL	1	
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER		
1K04 HL01928-01	DE COURSEY, THOMAS E	PULMONARY TYPE II EPITHELIAL CELLS: ROLE OF ION CHANNELS
1K08 HL01924-01A1	JACOBS, ELIZABETH R	PULMONARY TYPE II EPITHELIAL CELLS--ROLE OF ION
INSTITUTION TOTAL	2	
UNIVERSITY OF CHICAGO		
1K08 AR01714-01A1	MA, SHAU P	MEMBRANE PROTEINS OR EPIDERMAL KERATINOCYTES
INSTITUTION TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
CITY TOTAL	4	
ILLINOIS		
MAYWOOD		
LOYOLA UNIVERSITY MEDICAL	CENTER	
1K07 HL01944-01	PACOLD, IVAN V	PREVENTIVE CARDIOLOGY ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	5	
INDIANA		
INDIANAPOLIS		
INDIANA UNIVERSITY-PURDUE	UNIVERSITY AT INDIANAPOLIS	
1K04 DK01690-01	DEPAOLI-ROACH, ANNA A	STRUCTURE AND REGULATION OF PHOSPHOPROTEIN PHOSPHATASES
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
IOWA		
IOWA CITY		
UNIVERSITY OF IOWA		
1K04 DK01810-01	MOCK, DONALD M	HUMAN REQUIREMENT FOR BIOTIN
1K04 NS01246-01	O'DONOVAN, MICHAEL J	CELLULAR ANALYSIS OF MOTOR DEVELOPMENT
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
KENTUCKY		
LEXINGTON		
UNIVERSITY OF KENTUCKY		
1K04 ES00174-01	YOKEL, ROBERT A	AL+3 TOXICITY:CONTRIBUTING FACTORS, AL FORM & CHELATION
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MARYLAND		
BALTIMORE		
JOHNS HOPKINS UNIVERSITY		
1K08 HL02018-01	BRESLOW, MICHAEL J	REGULATION OF ADRENAL MEDULLARY/CORTICAL BLOOD FLOW
1K08 NS01231-01	RONNETT, GABRIELE V	ODORANT BINDING PROTEIN IN OLFACTORY SIGNAL TRANSDUCTION
1K11 EY00286-01	SEMBA, RICHARD D	IMMUNOLOGY AND PATHOGENESIS OF OCULAR ONCHOCERCIASIS
INSTITUTION TOTAL	3	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS		
1K15 DE00168-01A2	MEILLER, TIMOTHY F	ORAL VIRAL DISEASE IN CANCER PATIENTS
INSTITUTION TOTAL	1	
CITY TOTAL	4	
BETHESDA		
UNIVERSITIES ASSOCIATED FOR RESEARCH AND EDUCATION IN PATHOLOGY		
1K10 LM00089-01	WISSLER, ROBERT W	HANDBOOK OF COMPARATIVE PATHOLOGY OF ATHEROSCLEROSIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	5	
MASSACHUSETTS		
BOSTON		
BOSTON UNIVERSITY		
1K11 HL01967-01	HERRERA, VICTORIA L	NA, K-ATPASE--MOLECULAR GENETICS & ROLE IN HYPERTENSION
INSTITUTION TOTAL	1	
BRIGHAM AND WOMEN'S HOSPITAL		
1K11 HL01957-01	FISH, RICHARD D	CALCIUM CHANNEL MODULATION IN CORONARY ARTERY SMOOTH
INSTITUTION TOTAL	1	
CHILDREN'S HOSPITAL		
1K11 HD00807-01	JENSEN, FRANCES E	POSTISCHEMIC MENTAL RETARDATION--REVERSING NEURON DAMAGE
1K08 NS01240-01	YANKNER, BRUCE A	GENE THERAPY IN THE NERVOUS SYSTEM USING RETROVIRUSES
INSTITUTION TOTAL	2	
DANA-FARBER CANCER INSTITUTE		
1K08 CA01227-01	CROOP, JAMES M	MULTIDRUG RESISTANCE GENES--ANALYSIS AND APPLICATIONS

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MASSACHUSETTS		
BOSTON		
DANA-FARBER CANCER INSTITUTE		
1K11 HL02012-01	WEISSMANN, LISA B	INVESTIGATION OF A PATIENT WITH CIRCULATING PRO-VWF
INSTITUTION TOTAL	2	
HARVARD UNIVERSITY		
1K11 CA01341-01	BIRKENBACH, MARK P	GROWTH TRANSFORMATION OF LYMPHOCYTES BY EPSTEIN-BARR
1K07 HL02033-01	KRUSKALL, MARGOT S	TRANSFUSION MEDICINE ACADEMIC AWARD
INSTITUTION TOTAL	2	
MASSACHUSETTS GENERAL HOSPITAL		
1K08 HL01916-01	FISHMAN, JAY A	PULMONARY-PARASITE INTERACTIONS--PNEUMOCYSTIS
INSTITUTION TOTAL	1	
CITY TOTAL	9	
CAMBRIDGE		
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH		
1K11 AI00827-01	HUSSON, ROBERT N	GENES AND ANTIGENS OF M TUBERCULOSIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
WORCESTER		
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER		
1K07 HL01943-01	OCKENE, IRA S	PREVENTIVE CARDIOLOGY ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	11	
MICHIGAN		
ANN ARBOR		
UNIVERSITY OF MICHIGAN AT ANN ARBOR		
1K08 AR01770-01	COOPER, KEVIN D	UV LIGHT-INDUCED EPIDERMAL ANTIGEN PRESENTING CELLS
1K08 HL01930-01	GRUM, CYRIL M	THE ATP DEGRADATION SYSTEM IN ACUTE TISSUE INJURY
1K15 DE00223-01	SCIOTE, JAMES J	LATERAL PTERYGOID MUSCLE FUNCTION/CONDYLAR GROWTH
INSTITUTION TOTAL	3	
CITY TOTAL	3	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
MICHIGAN		
EAST LANSING		
MICHIGAN STATE UNIVERSITY		
1K11 HL01900-01	KILLINGSWORTH, CHERYL R	VIRAL-AUTONOMIC INTERACTIONS IN THE TRACHEA
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	4	
MINNESOTA		
MINNEAPOLIS		
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1K08 DK01628-01A1	KASISKE, BERTRAM L	LIPID ADNORMALITIES & PATHOLOGY OF GLOMERULOSCLEROSIS
1K11 HL02014-01	ZIMMER, STEVAN	BIOENERGETIC MECHANISMS IN NORMAL AND PATHOLOGIC INTACT
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	2	
MISSOURI		
SAINT LOUIS		
ST. LOUIS UNIVERSITY		
1K08 HL01931-01	OHAR, JILL A	AGEPC-INDUCED PULMONARY HYPERTENSION
INSTITUTION TOTAL	1	
WASHINGTON UNIVERSITY		
1K04 DK01553-01	TURK, JOHN W	PHOSPHOLIPID-DERIVED MEDIATORS AND INSULIN SECRETION
INSTITUTION TOTAL	1	
CITY TOTAL	2	
STATE TOTAL	2	
NEW HAMPSHIRE		
HANOVER		
DARTMOUTH COLLEGE		
1K08 HL01998-01	LEITER, JAMES C	REFLEX CONTROL OF UPPER AIRWAY FUNCTION IN HUMANS
INSTITUTION TOTAL	1	
CITY TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
STATE TOTAL	1	
NEW JERSEY		
NEWARK		
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY		
1K15 DE00207-01A1	IACOPINO, ANTHONY M	GERIATRIC DENTISTRY FOR THE ALZHEIMER'S PATIENT
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
NEW YORK		
BUFFALO		
CHILDREN'S HOSPITAL		
1K08 NS01097-01A1	KORF, BRUCE R	ONCOGENE AMPLIFICATION AND EXPRESSION IN NEURAL TUMORS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
NEW YORK		
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK		
1K08 NS01158-01A1	PRANZATELLI, MICHAEL R	SEROTONIN RECEPTORS AND MYOCLONUS
INSTITUTION TOTAL	1	
CORNELL UNIVERSITY MEDICAL CENTER		
1K08 DK01772-01	BRENNER-GATI, LEONA	THYROID GROWTH PROMOTING IMMUNOGLOBULINS & GOITER
1K08 HL01687-01	ETINGIN, ORLI R	PROSTAGLANDINS MEDIATORS IN ARTERIAL LIPID METABOLISM
1K11 DK01790-01	WORMAN, HOWARD J	CHARACTERIZATION OF NUCLEAR PORE COMPLEX PROTEINS
INSTITUTION TOTAL	3	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH		
1K11 DK01799-01	LEBWOHL, DAVID	SUBSTRATES FOR THE INSULIN RECEPTOR TYROSINE KINASE
INSTITUTION TOTAL	1	
YESHIVA UNIVERSITY		
1K08 DK01792-01	CZAJA, MARK J	CYTOKINES AS REGULATORS OF HEPATIC FIBROSIS
INSTITUTION TOTAL	1	
CITY TOTAL	6	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
NEW YORK		
VALHALLA		
NEW YORK MEDICAL COLLEGE		
1K07 HL01934-01	WILLIAMS, CHRISTINE L	PREVENTIVE CARDIOLOGY ACADEMIC AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	8	
NORTH CAROLINA		
CHAPEL HILL		
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL		
1K11 HL01839-01A1	CASCIO, WAYNE E	INTERACTION OF ISCHEMIA, DRUGS, AND RATE ON CONDUCTION
1K04 HD00652-01A1	MANESS, PATRICIA F	PP60C-SRC IN THE DEVELOPING NERVOUS SYSTEM
INSTITUTION TOTAL	2	
CITY TOTAL	2	
DURHAM		
DUKE UNIVERSITY		
1K08 NS01241-01	ALBERTS, MARK J	ROLE OF NERVE GROWTH FACTOR IN ALZHEIMER'S DISEASE
1K08 NS01208-01	ANTHONY, DOUGLAS C	TOXIC MODELS OF NEUROFIBRILLARY PATHOLOGY
1K08 NS01162-01	GOLDSTEIN, LARRY B	BIOCHEMICAL RECEPTOR STUDIES IN STROKE
1K08 NS01232-01	HOSFORD, DAVID A	ROLE OF ENTOPEDUNCULAR NUCLEUS IN KINDLED SEIZURES
1K08 AG00367-01	LYLES, KENNETH W	ESTROGEN EFFECTS ON MINERAL HOMEOSTASIS IN AGING
1K04 HD00816-01	SALING, PATRICIA M	SPERM COMPONENTS INVOLVED IN FERTILIZATION
1K11 HL02015-01	WARE, RUSSELL E	BIOLOGY OF THE BONE MARROW DERIVED 3A1 STEM CELL
INSTITUTION TOTAL	7	
CITY TOTAL	7	
GREENSBORO		
BENNETT COLLEGE		
1K14 HL01986-01	RAO, SEKHARA B	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD
INSTITUTION TOTAL	1	
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY		
1K14 HL01985-01	ROBINSON, THEODORA E	EIGHT-ONE-MSH RECEPTORS AND HYPERTENSION
1K14 HL01983-01	SCHUMACHER, SUSAN J	NHLBI MINORITY SCHOOL FACULTY DEVELOPMENT AWARD
INSTITUTION TOTAL	2	
CITY TOTAL	3	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
STATE TOTAL	12	
OHIO		
CINCINNATI		
UNIVERSITY OF CINCINNATI AT CINCINNATI		
1K04 HL01995-01	WEAVER, DANIEL C	LINKAGE OF THE CYTOSKELETON TO THE MEMBRANE
INSTITUTION TOTAL	1	
CITY TOTAL	1	
CLEVELAND		
CASE WESTERN RESERVE UNIVERSITY		
1K11 EY00288-01	GROSSMAN, GERALD E	MULTI-DIMENSIONAL BEHAVIOR OF THE OCULAR MOTOR SYSTEM
1K08 HL02002-01	MAZANEC, MARY B	NEUTRALIZATION OF RESPIRATORY VIRUSES BY SECRETORY IGA
1K08 CA01199-01A1	PELLEY, ROBERT J	ERB-B ACTIVATION: FROM EGF-RECEPTOR TO LEUKEMIA ONCOGENE
1K04 NS01184-01	SAYRE, LAWRENCE M	MECHANISMS OF ACTION OF SMALL-MOLECULE NEUROTOXINS
1K04 HL02011-01	STROHL, KINGMAN P	ELECTROMECHANICAL FUNCTION OF THE UPPER AIRWAY IN HUMANS
INSTITUTION TOTAL	5	
CITY TOTAL	5	
COLUMBUS		
OHIO STATE UNIVERSITY		
1K11 HD00772-01	JACKSON, REBECCA D	REGULATION OF HUMAN DECIDUAL PROLACTIN
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	7	
OKLAHOMA		
OKLAHOMA CITY		
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER		
1K11 HL01749-01A1	HAMILTON, KAREN K	VON WILLEBRAND FACTOR, FIBRINOLYSIS, & THE ENDOTHELIUM
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
PENNSYLVANIA		
HERSHEY		
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER		
1K08 HL01959-01	GLEESON, KEVIN	CHEMOSENSITIVITY, UPPER AIRWAY--BREATHING
INSTITUTION TOTAL 1		
CITY TOTAL 1		
PHILADELPHIA		
TEMPLE UNIVERSITY		
1K04 HL01615-01A1	SCHMAIER, ALVIN H	INTERACTION OF HIGH MR KININOGEN AND PLATELETS
INSTITUTION TOTAL 1		
CITY TOTAL 1		
PITTSBURGH		
UNIVERSITY OF PITTSBURGH AT PITTSBURGH		
1K11 HL01963-01	GIBSON, KEVIN F	UPTAKE OF LIPIDS IN MACROPHAGES AND TYPE II CELLS
1K04 HL01899-01A1	KAPOOR, WISHWA N	IDENTIFYING HIGH RISK PATIENTS WITH SYNCOPE
INSTITUTION TOTAL 2		
CITY TOTAL 2		
UNIVERSITY PARK		
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK		
1K04 DK01589-01	HARDISON, ROSS C	REGULATION AND EVOLUTION OF GLOBIN GENES
INSTITUTION TOTAL 1		
CITY TOTAL 1		
STATE TOTAL 5		
SOUTH CAROLINA		
CHARLESTON		
MEDICAL UNIVERSITY OF SOUTH CAROLINA		
1K08 HL02010-01	MANN, DOUGLAS L	CONTRACTILE PERFORMANCE OF HYPERTROPHIED CARDIOCYTES
INSTITUTION TOTAL 1		
CITY TOTAL 1		
STATE TOTAL 1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
TENNESSEE		
MEMPHIS		
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES		
1K08 NS01230-01	SCHWEITZER, JOHN B	NERVE GROWTH FACTOR RECEPTOR MEDIATED TRANSPORT TOPICS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
NASHVILLE		
MEHARRY MEDICAL COLLEGE		
1K14 HL01979-01	BHORJEE, JASWANT S	CARDIAC MUSCLE CELL DEVELOPMENT AND NUCLEAR PROTEINS
1K14 HL01989-01	OHI, SEIGO	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD
INSTITUTION TOTAL	2	
VANDERBILT UNIVERSITY		
1K11 DK01660-01A1	BREYER, JULIA A	PURIFICATION & CHARACTERIZATION OF RENAL PREPROEGF
INSTITUTION TOTAL	1	
CITY TOTAL	3	
STATE TOTAL	4	
TEXAS		
DALLAS		
BISHOP COLLEGE		
1K14 HL01730-01A1	MIA, ABDUL J	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD
INSTITUTION TOTAL	1	
CITY TOTAL	1	
GALVESTON		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON		
1K04 DK01745-01	GOOD, DAVID W	REGULATION OF THICK ASCENDING LIMB ACID-BASE TRANSPORT
1K04 NS01050-01A1	HUANG, LI-YEN M	ELECTRICAL PROPERTIES OF ISOLATED DORSAL HORN
INSTITUTION TOTAL	2	
CITY TOTAL	2	
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1K07 HL01940-01	BRICKER, JOHN T	PREVENTIVE CARDIOLOGY ACADEMIC AWARD

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GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH
TEXAS		
HOUSTON		
BAYLOR COLLEGE OF MEDICINE		
1K11 DK01762-01	SEMENKOVICH, CLAY F	REGULATION OF LIPOPROTEIN LIPASE SYNTHESIS
INSTITUTION TOTAL	2	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER		
1K08 CA01225-01	GLISSON, BONNIE S	NCI CLINICAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	1	
CITY TOTAL	3	
SAN ANTONIO		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO		
1K11 DE00212-01A1	KINDER, SUSAN A	CELL SURFACE IN ADHERENCE OF BACTEROIDES GINGIVALIS
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	7	
VERMONT		
BURLINGTON		
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE		
1K08 CA01143-01	ROBERTS, JOHN D	PLATINUM ANALOGS FOR CANCER CHEMOTHERAPY
INSTITUTION TOTAL	1	
CITY TOTAL	1	
STATE TOTAL	1	
WASHINGTON		
SEATTLE		
FRED HUTCHINSON CANCER RESEARCH CENTER		
1K11 AR01537-01A1	RIENHOFF, HUGH Y JR	TRANSCRIPTIONAL CONTROL OF MURINE SERUM AMYLOID A GENES
INSTITUTION TOTAL	1	
UNIVERSITY OF WASHINGTON		
1K08 NS01167-01A1	BAHLS, FREDERICK H	NEUROMODULATION OF SYNAPTIC EFFICACY
1K11 DE00219-01	HENRY, MICHAEL A	IMMATURE DENTAL PROJECTIONS

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WASHINGTON		
SEATTLE		
UNIVERSITY OF WASHINGTON		
1K08 CA01192-01	KLARNET, JAY P	NCI CLINICAL INVESTIGATOR AWARD PROGRAM
INSTITUTION TOTAL	3	
CITY TOTAL	4	
STATE TOTAL	4	
WISCONSIN		
MADISON		
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		
1K08 NS01181-01	DOTSON, ROSE M	NEURAL MECHANISMS OF CAUSALGIA AND RELATED DISORDERS
1K08 DK01789-01	LLOYD, MARK L	BIOSYNTHESIS OF HUMAN LACTASE IN HEALTH AND DISEASE
1K07 HL01936-01	MC BRIDE, PATRICK E	PREVENTIVE CARDIOLOGY ACADEMIC AWARD
1K04 HL01870-01	SCHWARTZ, BRADFORD S	HUMAN MONOCYTE MODULATION OF COAGULATION/FIBRINOLYSIS
INSTITUTION TOTAL	4	
CITY TOTAL	4	
MILWAUKEE		
MEDICAL COLLEGE OF WISCONSIN		
1K04 HL01901-01	BOSNJAK, ZELJKO J	GENERAL ANESTHESIA AND CARDIOVASCULAR REGULATION
1K07 HL01631-01A2	GOTTSCHALL, JEROME L	TRANSFUSION MEDICINE ACADEMIC AWARD
INSTITUTION TOTAL	2	
CITY TOTAL	2	
STATE TOTAL	6	
TOTAL	108	

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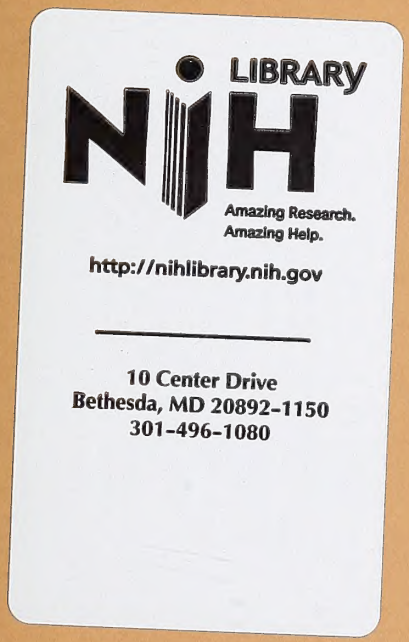

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